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1967 CENSUS OF TRANSPORTATION

Vol. III



COMMODITY TRANSPORTATION SURVEY

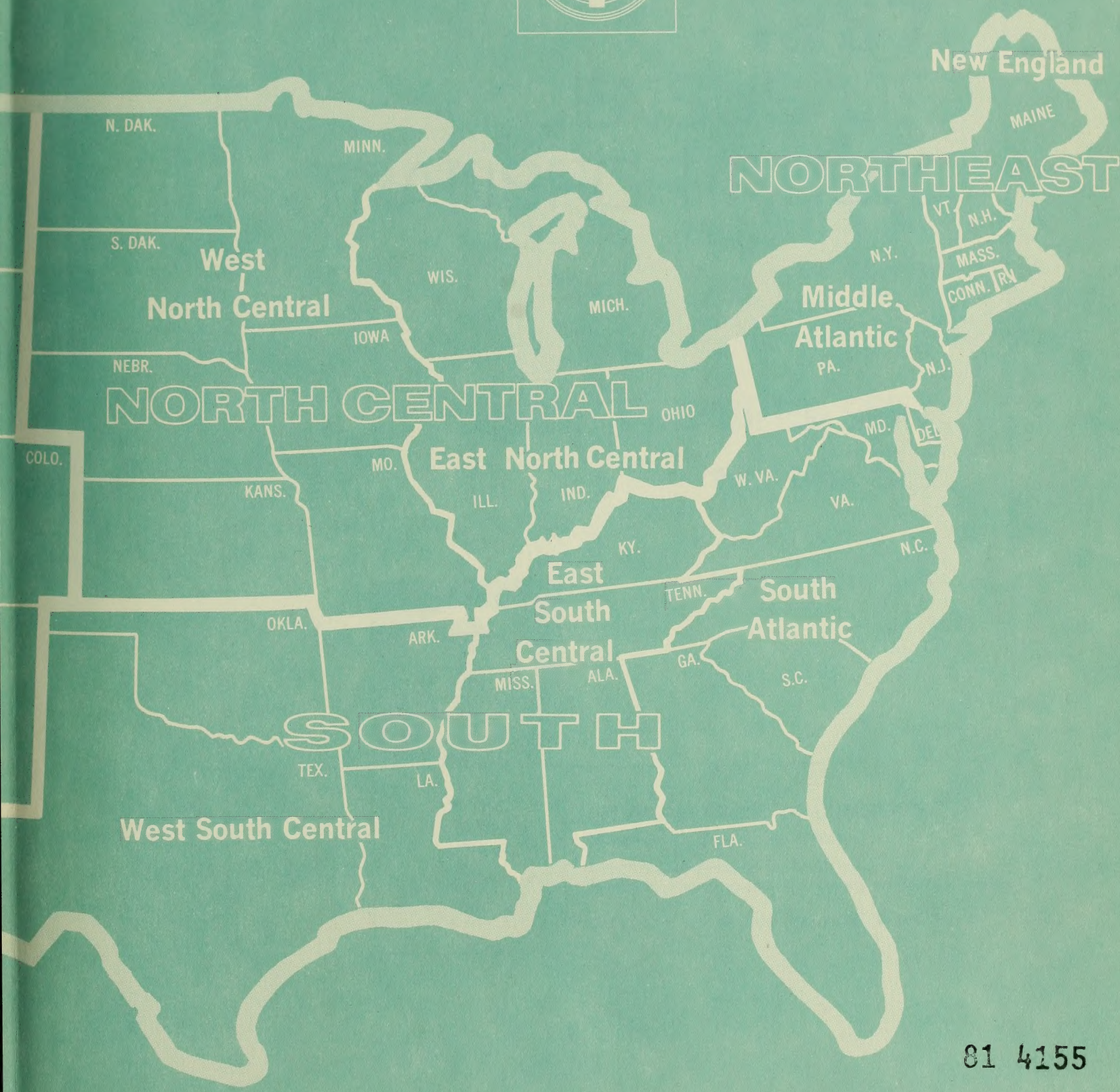
Part 1 Shipper Groups

U.S. DEPARTMENT OF COMMERCE
Bureau of the Census

CENSUS REGIONS AND GEOGRAPHIC DIVISIONS



OF THE UNITED STATES



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Part 1 Shipper Groups

Issued November 1970

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Preface

The census of transportation, together with the censuses of business, manufactures, and mineral industries, comprise the economic census program of the Bureau of the Census. This program is required by law under Title 13 of the United States Code, sections 131 and 224. The present economic census collects statistics for the year 1967. Future censuses are scheduled by law for 5-year intervals.

A large segment of transportation data is available from regulatory and other government agencies, and private organizations. For that reason, the statutory provisions concerning the census of transportation directed the Bureau to collect the kinds of data that were not publicly available from other sources. The objective was to avoid duplication and fill important gaps in transportation information.

The census of transportation was undertaken for the first time on a National basis in 1963. The 1967 census was taken under three separate surveys—National Travel, Truck Inventory and Use, and Commodity Transportation, each on a sample basis. The surveys are independent of each other and the results are published in three distinct series of reports.

1967 Census of Transportation Publication Program

The 1967 Census of Transportation is comprised of three major surveys. Each survey, described below, was conducted separately and independently.

National Travel Survey

The National Travel Survey is concerned with the volume and characteristics of travel by residents of the United States during the year 1967. The survey consists of a nationwide probability sample of about 18,000 households who reported quarterly by mail. The data show the estimated number of households in which some one took one or more trips, persons who took at least one trip, person-trips, person-nights, and person-miles. Data are shown by such travel characteristics as means of transport, purpose of trip, duration of trip, distance, size of party, type of lodging, origin and destination regions, and by such household characteristics as family income level, occupation and education of household head, and age of traveler.

Final data are included in volume I of the 1967 Census of Transportation.

Truck Inventory and Use Survey

This survey presents data on the Nation's truck resources, other than vehicles owned by Federal, State, and local government agencies. The survey consists of a probability sample of motor truck licenses in each of the 50 States and the District of Columbia. The data show the number of trucks and tractor-trailer combinations, truck-miles, and average miles per truck, by such characteristics as major use, body type, body size, vehicle-size class, year model, type of fuel, range of operation, vehicle type and axle arrangement, products carried, and maintenance.

Final data for each of the 50 States, the District of Columbia, the nine geographic divisions, and the United States as a whole, are contained in volume II of the 1967 Census of Transportation.

Commodity Transportation Survey

This survey presents data on the transportation and geographic distribution of commodities shipped intercity by the industrial sector of the United States. A probability sample of about 1.4 million bills of lading or other shipping documents was selected from the files of approximately 13,000 manufacturers throughout the country representing the universe of about 100,000 plants with total employment of 20 or more employees. The data are classified by (1) shipper groups and shipper classes, (2) geographic areas, such as production areas, geographic divisions, and selected States, and (3) commodity groups. Data are shown for tons and ton-miles by means of transport, length of haul, commodity, weight, origin and destination areas, size of plant based on total employment, and availability of transport facilities. Percentage distributions of shipments by means of transport, distance shipped, and availability of transportation facilities are also presented for smaller manufacturing establishments.

Final data are presented in volume III of the 1967 Census of Transportation which consists of three separate books: Part 1, Shipper Groups; Part 2, Production Areas and Selected States; and Part 3, Commodity Groups.

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Introduction

GENERAL

This survey presents statistics on the volume and characteristics of intercity commodity shipments originated by manufacturers in the United States during 1967. Its main purpose is to provide essential statistics on selected aspects of intercity transportation that are not available from other sources. Another primary objective is to provide a "new" dimension to production data; that is, to provide the geographic link between major supply areas and their markets or redistribution areas.

The tabulations were based on detailed information obtained from a sample of about 1.4 million shipping records drawn from the files of about 13,000 manufacturing establishments that represented essentially the Nation's industrial universe.[1]

The complete series of data for the Commodity Transportation Survey is published as Volume III of the 1967 Census of Transportation and consists of three books: Part 1 provides data on the transportation and distribution of products by shipper groups and shipper classes; Part 2 is concerned primarily with the geographic distribution of products, showing traffic flows from each of the 25 production areas and 20 leading States, and also between those origin areas to major destination areas; Part 3 provides maximum commodity detail, largely at the National level.

SCOPE OF SURVEY

The survey includes the entire industrial universe of manufacturing establishments located in the 48 conterminous States and the District of Columbia except for the following industries, as described in the Standard Industrial Classification (SIC) Manual:[2]

SIC 19, Ordnance and accessories
SIC 2026, Fluid milk
SIC 205, Bakery products
SIC 2097, Manufactured ice
SIC 241, Primary forest products
SIC 27, Printing, publishing and allied industries

Ordnance and accessories presented security problems, and plants in the other industries primarily serve local markets. The industrial "universe" is identical to the one used for the 1963 Commodity Transportation Survey, except for the exclusion of plants with less than 20 employees. Establishments located in Alaska and Hawaii were not within the scope of the survey.

In this commodity series, the universe is classified into 24 shipper groups and further subdivided into 86 shipper classes. This classification is identical to the one used in 1963. The "shipper subgroups" in the 1963 report are called shipper classes in this series. Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group.

1967 DATA COMPARED WITH 1963

The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size.

Increases or decreases in the estimated number of tons shipped do not necessarily reflect corresponding changes in production or consumption of the products of these industrial classes. For example, a trend toward increasing production in plants located in consuming centers would tend to decrease the total tons shipped as measured in this survey, because local shipments are not reported. Furthermore, each of these estimates is subject to sampling variability as discussed in a subsequent section.

The remaining comparisons are concerned primarily with percentage distributions by means of port. Adjustments have not been made for the difference in scope between the 1967 and 1963 surveys. In general, small plants tend to use highway transportation to a greater *relative* extent than large plants. This would tend to raise the motor carrier and private truck percentages in the data shown for 1963 somewhat above those that would have been shown if the adjustments had been made. However, the differences generally would be small.

The total volume of commodities shipped beyond the local area of production increased by about 9 or 12 percent between 1963 and 1967, depending upon whether the volume is measured by tons or ton-miles. Both units of measure are useful. Tons represent the total shipping weight originated, while ton-miles is a composite unit that reflects both weight and distance.

As shown by the accompanying table, manufacturers originated nearly 1.4 billion tons of commodities in 1967 which were shipped an average distance of 490 "straight-line" miles, thereby generating 679 billion

[1] As described in more detail elsewhere, a few classes of industries and all small plants (i.e., plants with less than 20 employees) were not included in this sample. however, less detailed "traffic profile" information was obtained for the printing, publishing, and allied industry group, and for plants having 10 to 19 employees in all other "shipper groups". This information was originally issued in special reports and is included in the appendix to Volume III, Part 3.

[2] See Standard Industrial Classification Manual, 1967, Executive Office of the President, Bureau of the Budget.

TABLE A. U.S. SUMMARY--Tons, Ton-Miles, and Average Length of Haul, by Means of Transport: 1967 Compared with 1963

Item	U.S. total	Rail	Motor carrier	Private truck	Air	Water	All other
TONS							
1967.....millions..	1,385	454	369	191	1	365	5
1963[1].....do....	1,277	422	332	188	-	327	8
1967.....percent..	100.0	32.8	26.6	13.8	-	26.4	0.4
1963[1].....do....	100.0	33.1	26.0	14.7	-	25.6	.6
TON-MILES							
1967.....billions..	679	250	99	29	1	298	2
1963[1].....do....	609	222	84	26	-	273	4
1967.....percent..	100.0	36.9	14.6	4.2	0.1	43.9	.3
1963[1].....do....	100.0	36.5	13.8	4.3	-	44.7	.7
AVERAGE LENGTH OF HAUL[2]							
1967.....	490	550	270	152	933	816	470
1963[1].....	477	527	253	138	955	834	521

[1]To be comparable with 1967, data are adjusted to exclude shipments by manufacturing establishments with less than 20 employees.
[2]Average straight-line miles.

ton-miles[3] of transportation service by all means of transport.

The increase in tons and also in ton-miles was shared by all of the major means of transport. Substantial increases in length of haul were found for rail, motor carrier, and private trucks, but the average length of haul for air and water decreased slightly.

The relative shares of total traffic, both in terms of tons and ton-miles, remained essentially unchanged over the 4-year period. Railroads hauled about 33 percent of the total weight and accounted for almost 37 percent of the total ton-miles. Motor carriers transported about 26 percent of the total weight and private trucks hauled about half that much. However, because of shorter highway hauls, motor carriers and private trucks accounted for about 14 percent and 4 percent respectively, of the total ton-miles. In contrast, water carriers (mainly petroleum) had long average hauls, so that their share of the total was about 26 percent by tonnage but 44 percent of the ton-miles.

RELATIONSHIP TO CENSUS OF MANUFACTURES DATA

GENERAL--The Commodity Transportation Survey supplies an added spatial dimension to the Census of Manufactures with respect to commodity flows from sources of supply to redistribution or market areas, by providing data on the geographic distribution of *intercity* shipments originated by industrial plants during 1967.

Detailed data concerning the industrial universe can be obtained from the Census of Manufactures reports. Among the leading facts of interest for transportation analysis from that source is the geographic location of production as measured by the number of establishments, number of employees, value of production or shipments, and cost of materials which may be used as a rough indicator of the inbound shipment volume.

Each manufacturing establishment in the Commodity Transportation Survey was requested to report, among other things, the commodity, weight, means of transport, and destination for each of its sampled shipments. About 97.5 percent of the total tons shipped were to domestic destinations. However, a small percentage of the documents showed foreign destinations. For those export shipments, the shipper was asked to report the "port of exit" as the destination of the domestic segment, and to list the foreign country of destination. The objective was to measure specifically the domestic segment and to explore the feasibility and usefulness of obtaining supplementary information on foreign destinations.

An analysis and summary of data on interior origins and domestic means of transport of export shipments as reported by manufacturers in the 1967 Commodity Transportation Survey has been released by the Bureau of the Census as a special report, and is included in the appendix to Volume III, Part 3.

[3]Ton-miles in these tabulations are computed on a straight-line basis between origin and destination shown on bills of lading or other shipping documents. The "railroad short-line" or "highway direct route" distances tend to be roughly 24 and 21 percent, respectively, longer than the "great circle" or "straight-line" distances.

DEFINITION OF SHIPMENTS--Since the definition of shipments is broader in the Census of Manufactures than in the Commodity Transportation Survey, data on shipments in the two reports are not fully comparable. In this report, tons and ton-miles of shipments relate to production that actually moves by some means of transportation (other than pipeline, or under own power, or towed away) beyond the local area of the plant. These are usually called "intercity" shipments, even though neither the origin or destination necessarily is in a city.

In the Census of Manufactures, the term "shipment" includes not only the products made in the establishment, but also those made elsewhere under contract from materials owned by the establishment, receipts for contract work performed for others, and miscellaneous activities.

Aside from the differences in units of measure (tons and value), the primary difference is the volume of commodities that do not move beyond the local area. For example, the entire output of one plant (such as a metal-can manufacturing establishment) may be delivered to a physically adjacent plant (such as a fruit canning establishment) by conveyor belt. In that instance, the output of metal cans would be included in the value of shipments in the Census of Manufactures, but the establishment and its output would be "out of scope" (that is, not counted) in the Commodity Transportation Survey. The reason for being out of scope is that its shipments were local. However, if at least 10 percent of the production of that metal-can manufacturing plant were shipped beyond the local area, the plant would be "in scope," but only the intercity (nonlocal) shipments would be included in the commodity shipment data.

Comparisons between the volume of shipments as measured in tons by the Commodity Transportation Survey and in value by the Census of Manufactures for any given shipper class should be interpreted with caution. The ratio of tons to value is not only affected by differences in the relative volume of "local shipments" among plants, even within the same industry, but also differences in the relative value per ton of commodities in the total product mix for a shipper class or shipper group. The classification of shippers (that is, industrial establishments) into shipper groups and shipper classes is based on the Standard Industrial Classification used to classify establishments in the Census of Manufactures. In that respect, the two surveys are comparable. However, with respect to commodities, the product codes used in the Census of Manufactures differ from the commodity codes used for transportation.

SAMPLE DESIGN

This section is concerned specifically with the sample for the Shipper, Area, and Commodity Series of reports. It does not deal with the samples used for the special reports on distribution of products by small manufacturing plants, and by plants in printing and publishing (except newspapers and magazines).

A two-stage probability sample design was used. The first stage involved the drawing of a probability sample of about 13,000 plants from the universe as described in the section dealing with the scope of the survey. The second stage involved the selection of a probability sample of about 100 to 200 bills of lading or other shipping documents on file at each of the sampled plants. Specific facts, such as origin, destination, commodity, weight, and means of transport were recorded from each of the sampled documents.

The term "probability sample" as used here means that the chance for selecting each document from the millions of such documents in the universe is known and is not equal to zero. The information from a probability sample can be expanded to approximate the total that would have been obtained by a complete count, and the sampling variability[4] can be estimated from the sample itself.

The sample design is rather complex.[5] In general, the first stage involved the classification of manufacturing plants into 86 shipper classes. Those classes were then regrouped into six "tonnage divisions," based on the total tons shipped by the shipper class in the 1963 survey. Each manufacturing plant also was identified by its location and classified into two geographic strata: (1) Located in a production area[6], or (2) located outside of any production area.

Within each of those six tonnage divisions and two geographic areas, the probability of selecting any given plant in the universe was proportionate to the "intercity tonnage rating" of the plant. The rating for each plant was based on the intercity tons shipped by the *average* plant of the same shipper class and employee size group in the 1963 survey.

With respect to the allocation of plants within the sample, it was decided that the relative degree of precision and detail should be somewhat greater for the shipper classes in the large tonnage divisions than for those in the small tonnage divisions. An average of about 195 plants per shipper class was set as the target in each of the four largest tonnage divisions, and half that number per shipper class in the two smallest tonnage divisions. It also was decided that greater precision was needed for data on traffic flows from production areas than from the balance of the country. The probability of selecting a specific plant located in a production area was set at twice the probability of selecting an otherwise comparable plant outside of a production area.

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[4] See section on "Estimated Sampling Variability and Reliability of Data."

[5] A detailed technical description may be obtained from the Transportation Division, Bureau of the Census, Washington, D.C. 20233.

[6] A Production Area is a selected major industrial center consisting of one or more Standard Metropolitan Statistical Areas (SMSA).

After selecting the plants, the next stage involved the selection of a probability sample of bills of lading or other shipping papers at the company headquarters or individual plants. Several alternative standard plans were used, depending largely on the filing system used by the company. For example, in files organized by serial number, the procedure involved drawing every "nth" record, after taking a random number start. In large chronological files, a two-stage design was used--a sample of dates and a sample of shipping papers within those dates. Special designs were made for record-keeping situations that could not be sampled readily by one of the standard plans.

METHOD FOR ESTIMATING TONS, TON-MILES, DISTANCE, AND SIZE OF SHIPMENT

The basic source document for weight, distance, and size of shipment is the individual shipping paper--the bill of lading, sales invoice, summary record, etc.

Estimates of total tons are shown in the first column of tables involving tons shipped. These figures represent the approximate total that probably would have been obtained by a complete enumeration of all shipments. These estimates are subject to sampling variability and response errors.

The estimates of tons were made by multiplying the actual weight shown on the record for each shipment by the reciprocal of the sampling fraction for that shipment, and aggregating the expanded value. For example, if a manufacturing establishment was selected at the rate of 1 in 5 and shipments within that plant were drawn at the rate of 1 in 20, the weight of that shipment would be multiplied by 100 (that is, 5 times 20) for purposes of estimating total tons shipped.

Estimates of total ton-miles are shown in the first column of tables involving ton-miles. These figures are the product of weight times distance. For example, a 10-ton shipment that moved between places that were 1,000 miles apart is equivalent to a 50-ton shipment that moved 200 miles. Both represent 10,000 ton-miles, although they differ in terms of both weight and distance.

The distance component is calculated by a computer program known as PICADAD.[7] Distance is the straight-line miles between the origin and destination shown on the shipping paper, without allowance for circuity in actual route used by the carrier. On the average, railroad "short-line" and highway "direct-route" distances exceed the calculated straight-line miles by about 24 percent and 21 percent, respectively. The actual route-mile distance is somewhat longer.

Tabulations showing the distribution of shipments by weight class were estimated from shipment data that were based on bills of lading and sales invoices. Observations based on summary reports and other types of records generally show weights that are aggregates of several shipments. While both classes of records were used for estimating total tons, the latter was excluded from the analyses by size of shipment. The "size of shipment" in this report is the weight shown on the bill of lading or sales invoice, and is not necessarily the weight actually shipped in one freight car, truck, or other vehicle. Doubtless many of the smaller shipments shown in this survey were consolidated by the shipper into carload or truck lots, while some large shipments were moved in more than one freight car or truck.

ESTIMATED SAMPLING VARIABILITY AND RELIABILITY OF DATA

The data shown in this volume are based on a sample and are, therefore, subject to sampling variability. The term "sampling variability" refers to the difference between the results of this sample survey and those that would have been obtained if a complete enumeration of all shipments by all manufacturing plants in the "universe" had been taken.

Estimates of sampling variability are presented with the data in each part to facilitate interpretation and analysis. In general, most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume. This is particularly true with regard to detailed distributions.

For example, say the sampling variability for a specific item is shown to be ±10. If a complete count had been made, the chances are about two out of three that total tons in that complete count would differ from the estimated figure by not more than plus or minus 10 percent.

In addition to sampling variability, the data are subject to "response errors" that may have arisen from misinterpretation of questions, failure to find and sample some files, or other similar sources of error. However, this type of error probably is relatively minor in this survey. The sampling procedures at each plant were relatively clear and simple, and the precise facts were transcribed directly from individual shipping documents by company personnel in most instances. A high degree of quality control was exercised by the Bureau of the Census in the processing and tabulation stages.

[7] A program developed by the Bureau of the Census specifically for processing transportation data.

TABLE B. U.S. SUMMARY--Percent Distribution of Tons and Ton-Miles by Means of Transport, for Shipper Groups and Classes: 1967

Shipper group and class	Number	Percent distribution by means of transport						
		All means of transport	Rail	Motor carrier	Private truck	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)							
Total	1,384,617	100.0	32.8	26.7	13.8	0.1	26.3	0.3
01. Meat and dairy products	38,675	100.0	30.2	32.4	36.6	-	.2	.6
011. Meat; fresh, chilled, or frozen	16,641	100.0	28.7	32.7	37.6	-	.1	.9
012. Meat products	10,579	100.0	26.7	34.3	37.6	-	.8	.6
013. Dairy products	11,455	100.0	35.5	30.3	34.0	-	-	.2
02. Canned and frozen foods and other food products, except meat and dairy products	155,371	100.0	56.1	19.1	21.8	-	2.8	.2
021. Canned fruits and vegetables	17,229	100.0	51.3	23.6	22.4	-	2.5	.2
022. Canned specialties, seafood, and frozen food	14,826	100.0	43.3	40.5	15.3	-	.5	.4
023. Grain mill products and beet and cane sugar	85,724	100.0	59.6	12.5	26.8	-	.8	.3
024. Miscellaneous food preparations and kindred products	37,592	100.0	55.1	23.8	12.4	-	8.6	.1
03. Candy, beverages, and tobacco products	40,327	100.0	30.2	29.6	39.2	-	.4	.6
031. Candy and confectionery	4,931	100.0	22.4	73.4	3.2	-	.6	.4
032. Alcoholic beverages	23,995	100.0	40.4	23.3	35.5	-	.4	.4
033. Bottled and canned soft drinks and flavorings	9,587	100.0	4.3	19.6	74.3	-	.3	1.5
034. Tobacco products	1,814	100.0	52.1	46.4	.9	-	.3	.3
04. Basic textiles and leather products	14,495	100.0	9.1	59.8	29.8	.1	.3	.9
041. Broadwoven fabrics	5,517	100.0	6.9	67.9	24.2	.1	-	.9
042. Other basic textiles	7,695	100.0	11.0	53.9	34.2	.1	.5	.3
043. Footwear, except rubber	409	100.0	3.9	61.2	27.0	.4	-	7.5
044. Leather and leather products, except clothing	874	100.0	9.2	59.6	27.8	.1	.2	3.1
05. Apparel and related products	4,514	100.0	11.4	64.1	17.3	.8	-	6.4
051. Men's, youths', and boys' clothing	862	100.0	2.8	70.9	16.0	.5	-	9.8
052. Women's, misses', girls', and infants' clothing	757	100.0	9.0	61.0	14.1	1.4	-	14.5
053. Knitted clothing	1,046	100.0	9.7	67.8	16.9	.6	-	5.0
054. Milinery, fur goods, and miscellaneous fabricated textile products	1,849	100.0	17.3	60.2	19.5	.7	.1	2.2
06. Paper and allied products	71,677	100.0	55.5	27.7	15.1	-	1.4	.3
061. Pulp and paper, except building paper	25,370	100.0	71.9	22.7	3.0	-	2.2	.2
062. Building paper and boards, except insulating board	18,951	100.0	68.5	17.4	12.1	-	1.9	.1
063. Converted paper and paperboard products, except containers and boxes	13,085	100.0	45.7	39.0	14.6	.1	.3	.3
064. Containers and boxes and similar products	14,271	100.0	17.8	39.7	41.1	-	.5	.9
07. Basic chemicals, plastics materials, synthetic resins, rubber, and fibers	97,619	100.0	52.4	26.4	9.4	-	11.3	.5
071. Basic inorganic chemicals, industrial gases, dyes, and pigments	29,247	100.0	54.2	23.4	10.0	-	11.7	.7
072. Miscellaneous industrial chemicals	56,115	100.0	55.2	22.4	8.8	-	13.3	.3
073. Plastics materials and synthetic resins, rubber, and fibers	12,257	100.0	35.8	51.6	11.0	-	.9	.7
08. Drugs, paints, and other chemical products	61,169	100.0	36.7	34.9	18.9	.1	9.1	.3
081. Drugs	1,917	100.0	30.2	60.0	6.2	1.0	.9	1.7
082. Soap, detergents, perfume, cosmetics, and other toilet preparations	10,372	100.0	23.8	61.5	13.4	-	.7	.6
083. Paint and allied products	5,061	100.0	10.2	74.1	15.2	-	.1	.4
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemicals	43,819	100.0	43.0	23.0	21.2	-	12.5	.3

TABLE B. U.S. SUMMARY--Percent Distribution of Tons and Ton-Miles by Means of Transport, for Shipper Groups and Classes: 1967--Continued

Shipper group and class	Number	Percent distribution by means of transport						
		All means of transport	Rail	Motor carrier	Private truck	Water	Other	Unknown
TONS OF SHIPMENTS--Continued	(thousands of tons)							
09. Petroleum and coal products	417,660	100.0	5.8	10.9	4.9	-	78.3	0.1
091. Products of petroleum refining	404,721	100.0	5.3	9.8	4.0	-	80.8	.1
092. Paving and roofing materials and miscellaneous petroleum and coal products	12,939	100.0	23.1	44.2	32.1	-	.3	.3
10. Rubber and plastics products	10,057	100.0	25.5	63.5	9.2	0.3	.2	1.3
101. Tires and inner tubes	4,143	100.0	45.3	47.9	6.1	-	-	.7
102. Rubber footwear	295	100.0	5.6	77.7	6.1	.2	3.1	7.3
103. Miscellaneous rubber products and reclaimed rubber	2,605	100.0	9.6	77.3	10.3	.4	.3	2.1
104. Miscellaneous plastics products	3,014	100.0	13.9	71.8	12.6	.7	-	1.0
11. Lumber and wood products, except furniture	61,859	100.0	53.5	13.4	28.0	-	5.0	.1
112. Lumber and dimension stock	38,714	100.0	51.7	11.5	28.8	-	7.9	.1
113. Millwork, veneer, plywood, and prefabricated structural wood products	12,227	100.0	71.1	12.4	16.2	-	.2	.1
114. Wooden containers and miscellaneous wood products	10,918	100.0	39.4	21.6	38.4	-	.3	.3
12. Furniture, fixtures, and miscellaneous manufactured products	8,712	100.0	20.5	53.2	23.4	.1	.9	1.9
121. Household and office furniture	4,482	100.0	26.4	40.5	30.8	-	1.3	1.0
122. Other furniture, fixtures, and partitions	1,830	100.0	14.7	65.9	18.4	.1	.1	.8
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties and notions	760	100.0	29.6	60.0	2.0	.5	1.1	6.8
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other miscellaneous manufactured products	1,640	100.0	6.8	70.3	18.6	.2	.5	3.6
13. Stone, clay, and glass products	134,313	100.0	35.7	44.5	17.7	-	1.8	.3
131. Flat glass	1,388	100.0	50.0	41.4	8.6	-	-	-
132. Glass containers and other glass products	12,751	100.0	16.3	70.2	13.4	-	.1	-
133. Structural clay, pottery, and related products	23,680	100.0	33.5	33.4	32.1	-	.9	.1
134. Concrete, gypsum, and plaster	31,273	100.0	41.5	36.3	21.3	-	.2	.7
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products	65,221	100.0	37.2	47.6	11.8	-	3.3	.1
14. Primary iron and steel products	128,975	100.0	50.3	37.7	5.2	-	6.7	.1
141. Steel works and rolling mill products	113,521	100.0	52.9	35.9	3.6	-	7.5	.1
142. Iron and steel castings	12,556	100.0	31.5	49.8	17.6	-	.6	.5
143. Miscellaneous primary metal products	2,898	100.0	29.5	55.6	14.8	.1	-	-
15. Primary nonferrous metal products	22,776	100.0	48.4	37.0	12.5	.1	1.6	.4
151. Nonferrous metals primary smelter products	11,156	100.0	70.4	15.7	10.8	-	2.8	.3
152. Nonferrous metal basic shapes	10,167	100.0	29.0	56.1	13.8	.2	.4	.5
153. Nonferrous and nonferrous base alloy castings	1,453	100.0	18.1	66.4	15.2	.2	-	.1
16. Fabricated metal products, except metal cans and miscellaneous	16,668	100.0	23.0	44.6	29.8	.1	1.7	.8
161. Cutlery, tools, and hardware	1,925	100.0	20.6	65.7	11.4	.6	.3	1.4
162. Plumbing fixtures and heating apparatus, except electric	1,686	100.0	18.3	64.8	15.8	.4	-	.7
163. Fabricated structural metal products	13,057	100.0	23.9	38.9	34.4	-	2.1	.7

TABLE B. U.S. SUMMARY--Percent Distribution of Tons and Ton-Miles by Means of Transport, for Shipper Groups and Classes: 1967--Continued

Shipper group and class	Number	Percent distribution by means of transport						
		All means of transport	Rail	Motor carrier	Private truck	Water	Other	Unknown
TONS OF SHIPMENTS--Continued	(thousands of tons)							
17. Metal cans and miscellaneous fabricated metal products..	18,408	100.0	21.3	56.2	20.5	0.3	0.6	1.1
171. Metal cans	5,067	100.0	29.0	44.3	24.8	-	.9	1.0
172. Bolts, nuts, screws, rivets, and washers	1,842	100.0	5.8	82.1	7.5	1.4	.1	3.1
173. Metal stampings and metal plating, polishing, and engraving	6,320	100.0	19.8	58.5	19.5	.4	.9	.9
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products	5,179	100.0	21.2	55.9	22.0	.2	.1	.6
18. Industrial machinery, except electrical	6,703	100.0	17.2	65.7	11.1	.8	.3	4.9
181. Metalworking machinery and equipment	1,908	100.0	10.0	59.1	14.4	1.4	.6	14.5
182. Special industry machinery	1,447	100.0	12.5	73.0	13.2	.5	.2	.6
183. General industrial machinery and equipment	3,348	100.0	23.3	66.5	8.3	.5	.1	1.3
19. Machinery, except electrical and industrial	15,820	100.0	32.1	52.3	13.9	.3	.2	1.2
191. Engines and turbines	1,237	100.0	28.1	62.3	8.1	.4	.6	.5
192. Farm machinery and equipment	4,199	100.0	32.3	42.0	24.6	-	-	1.1
193. Construction, mining, and materials handling equipment	6,386	100.0	40.1	49.3	9.4	.2	.3	.7
194. Office and service industry machinery	3,520	100.0	23.1	65.3	8.2	.7	.2	2.5
195. Miscellaneous machinery and parts, except electrical	478	100.0	1.3	58.1	37.8	1.3	-	1.5
20. Communications products and parts	2,514	100.0	21.2	63.8	9.4	2.6	.3	2.7
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records	1,288	100.0	21.6	64.7	10.6	.8	.1	2.2
202. Communications equipment	653	100.0	26.2	65.4	1.2	3.8	.2	3.2
203. Electronic components and accessories	573	100.0	14.6	59.8	15.9	5.4	1.1	3.2
21. Electrical products and supplies	12,115	100.0	34.8	50.9	12.0	.3	.2	1.8
211. Electrical transmission and distribution equipment.	1,636	100.0	23.5	64.6	10.5	.5	.1	.8
212. Electrical industrial apparatus	2,159	100.0	22.7	57.0	16.2	.4	.2	3.5
213. Household appliances	4,077	100.0	65.3	30.3	3.2	-	.3	.9
214. Electric lighting and wiring equipment	2,225	100.0	21.9	64.1	11.6	.5	.2	1.7
215. Miscellaneous electrical machinery and supplies	2,018	100.0	9.6	60.6	26.8	.3	-	2.7
22. Motor vehicles and equipment	36,525	100.0	57.6	36.9	4.9	.2	.1	.3
221. Truck and bus bodies and truck trailers	896	100.0	57.9	26.4	14.3	-	.4	1.0
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories	35,629	100.0	57.5	37.2	4.7	.2	.1	.3
23. Transportation equipment, except motor vehicles	6,159	100.0	44.3	37.2	16.5	.8	.7	.5
231. Aircraft and parts	1,232	100.0	26.9	62.3	6.5	3.5	.1	.7
232. Ships and boats	605	100.0	21.7	44.7	25.5	.1	6.8	1.2
233. Other transportation equipment and parts	4,322	100.0	52.5	29.1	18.0	.1	-	.3
24. Instruments, photographic equipment, watches, and clocks	1,506	100.0	13.5	71.1	9.3	1.9	.4	3.8
241. Engineering, laboratory, and scientific instruments	64	(1)	(1)	(1)	(1)	(1)	(1)	(1)
242. Measuring, controlling, and indicating instruments.	354	100.0	3.9	81.3	4.6	2.2	1.1	6.9
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supples	524	100.0	5.3	71.4	17.1	2.0	.2	4.0
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts	564	100.0	27.3	66.7	3.2	.9	.2	1.7

See footnote at end of table.

TABLE B. U.S. SUMMARY--Percent Distribution of Tons and Ton-Miles by Means of Transport, for Shipper Groups and Classes: 1967--Continued

Shipper group and class	Number	Percent distribution by means of transport						
		All means of transport	Rail	Motor carrier	Private truck	Water	Other	Unknown
TON-MILES	(millions of ton-miles)							
Total	678,992	100.0	36.8	14.7	4.3	0.1	43.8	0.3
01. Meat and dairy products	15,540	100.0	46.0	37.7	15.1	-	.7	.5
011. Meat; fresh, chilled, or frozen	8,218	100.0	46.3	38.9	13.7	-	.3	.8
012. Meat products	4,272	100.0	40.5	40.8	16.7	-	1.9	.1
013. Dairy products	3,050	100.0	52.6	30.3	16.9	-	-	.2
02. Canned and frozen foods and other food products, except meat and dairy products	62,983	100.0	73.7	15.9	7.2	-	3.1	.1
021. Canned fruits and vegetables	14,910	100.0	76.8	12.0	7.4	-	3.5	.3
022. Canned specialties, seafood, and frozen food	9,171	100.0	62.8	28.8	6.8	-	1.4	.2
023. Grain mill products and beet and cane sugar	26,508	100.0	82.2	8.4	8.2	-	1.1	.1
024. Miscellaneous food preparations and kindred products	12,394	100.0	59.4	26.7	5.4	-	8.4	.1
03. Candy, beverages, and tobacco products	14,835	100.0	56.6	25.6	15.0	.1	2.1	.6
031. Candy and confectionery	2,635	100.0	37.6	57.3	2.6	-	2.2	.3
032. Alcoholic beverages	9,394	100.0	67.7	14.2	15.5	.1	2.0	.5
033. Bottled and canned soft drinks and flavorings	1,742	100.0	18.0	38.5	39.9	-	2.0	1.6
034. Tobacco products	1,064	100.0	69.0	27.3	.4	.1	2.5	.7
04. Basic textiles and leather products	6,268	100.0	16.6	63.2	16.1	.3	1.9	1.9
041. Broadwoven fabrics	2,413	100.0	13.0	72.1	12.6	.1	.3	1.9
042. Other basic textiles	3,170	100.0	20.4	55.4	19.8	.5	3.4	.5
043. Footwear, except rubber	240	100.0	9.8	69.8	4.7	1.1	-	14.6
044. Leather and leather products, except clothing	445	100.0	12.4	67.4	14.3	.2	1.0	4.7
05. Apparel and related products	2,377	100.0	15.0	66.1	7.8	1.9	.3	8.9
051. Men's, youths', and boys' clothing	496	100.0	2.7	73.0	12.5	.9	.2	10.7
052. Women's, misses', girls', and infants' clothing	478	100.0	11.4	62.3	4.9	3.5	.3	17.6
053. Knitted clothing	437	100.0	8.0	75.4	4.4	1.5	.1	10.6
054. Milinery, fur goods, and miscellaneous fabricated textile products	966	100.0	26.3	60.2	8.4	1.8	.4	2.9
06. Paper and allied products	34,966	100.0	77.3	15.7	4.2	-	2.3	.5
061. Pulp and paper, except building paper	15,763	100.0	86.0	10.9	.9	-	1.9	.3
062. Building paper and boards, except insulating board	9,767	100.0	86.3	7.7	3.0	-	3.0	-
063. Converted paper and paperboard products, except containers and boxes	6,216	100.0	62.5	29.8	6.1	.1	1.0	.5
064. Containers and boxes and similar products	3,220	100.0	35.1	36.1	20.7	.3	4.5	3.3
07. Basic chemicals, plastics materials, synthetic resins, rubber, and fibers	43,662	100.0	64.2	16.7	3.0	-	15.8	.3
071. Basic inorganic chemicals, industrial gases, dyes, and pigments	12,407	100.0	63.7	19.6	3.0	-	13.4	.3
072. Miscellaneous industrial chemicals	25,224	100.0	66.5	11.0	2.2	-	20.1	.2
073. Plastics materials and synthetic resins, rubber, and fibers	6,031	100.0	55.7	34.5	6.4	.1	2.8	.5
08. Drugs, paints, and other chemical products	19,090	100.0	52.6	30.4	7.9	.1	8.5	.5
081. Drugs	1,364	100.0	42.9	48.9	2.2	1.2	2.8	2.0
082. Soap, detergents, perfume, cosmetics, and other toilet preparations	4,183	100.0	39.5	50.3	4.7	.2	4.3	1.0
083. Paint and allied products	1,684	100.0	18.5	70.2	10.4	.1	.5	.3
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemicals	11,859	100.0	63.2	15.6	9.4	-	11.7	.1

TABLE B. U.S. SUMMARY--Percent Distribution of Tons and Ton-Miles by Means of Transport, for Shipper Groups and Classes: 1967--Continued

Shipper group and class	Number	Percent distribution by means of transport						
		All means of transport	Rail	Motor carrier	Private truck	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)							
09. Petroleum and coal products	289,391	100.0	3.2	1.8	0.7	-	94.3	-
091. Products of petroleum refining	286,595	100.0	2.8	1.4	.5	-	95.3	-
092. Paving and roofing materials and miscellaneous petroleum and coal products	2,796	100.0	46.7	35.7	15.3	-	2.1	0.2
10. Rubber and plastics products	5,307	100.0	34.5	57.0	5.5	0.6	.5	1.9
101. Tires and inner tubes	2,129	100.0	53.3	41.0	5.1	.1	-	.5
102. Rubber footwear	211	100.0	8.4	74.9	.8	.2	5.0	10.7
103. Miscellaneous rubber products and reclaimed rubber	1,210	100.0	18.8	69.6	5.7	.8	1.0	4.1
104. Miscellaneous plastics products	1,757	100.0	25.6	65.7	6.2	1.1	.1	1.3
11. Lumber and wood products, except furniture	46,658	100.0	77.8	5.5	6.6	-	10.0	.1
112. Lumber and dimension stock	27,486	100.0	70.6	5.2	7.4	-	16.7	.1
113. Millwork, veneer, plywood, and prefabricated structural wood products	13,934	100.0	93.9	3.4	2.6	-	.1	-
114. Wooden containers and miscellaneous wood products	5,238	100.0	72.4	13.2	13.3	-	1.0	.1
12. Furniture, fixtures, and miscellaneous manufactured products	4,961	100.0	32.6	49.2	12.3	.2	3.3	2.4
121. Household and office furniture	2,248	100.0	40.4	37.7	15.3	-	5.7	.9
122. Other furniture, fixtures, and partitions	1,135	100.0	23.6	62.9	12.0	.3	.4	.8
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties and notions	670	100.0	45.6	44.7	.5	.4	1.2	7.6
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other miscellaneous manufactured products	908	100.0	14.9	64.3	14.0	.4	2.4	4.0
13. Stone, clay, and glass products	26,287	100.0	52.1	30.9	9.7	-	7.1	.2
131. Flat glass	620	100.0	62.5	31.4	5.9	.1	.1	-
132. Glass containers and other glass products	3,493	100.0	30.8	60.1	8.4	-	.5	.2
133. Structural clay, pottery, and related products	5,703	100.0	58.6	24.1	16.3	-	.7	.3
134. Concrete, gypsum, and plaster	5,111	100.0	68.2	21.1	9.1	-	1.4	.2
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products	11,360	100.0	47.4	29.9	7.2	-	15.2	.3
14. Primary iron and steel products	40,438	100.0	58.8	24.6	3.5	-	13.0	.1
141. Steel works and rolling mill products	35,500	100.0	60.8	22.6	2.3	-	14.3	-
142. Iron and steel castings	4,264	100.0	46.6	35.3	13.3	-	4.4	.4
143. Miscellaneous primary metal products	674	100.0	33.1	61.3	5.1	.3	.1	.1
15. Primary nonferrous metal products	13,410	100.0	67.7	26.1	4.5	.2	1.1	.4
151. Nonferrous metals primary smelter products	6,669	100.0	90.0	5.7	3.1	-	.9	.3
152. Nonferrous metal basic shapes	6,307	100.0	47.8	44.1	5.9	.3	1.3	.6
153. Nonferrous and nonferrous base alloy castings	434	100.0	15.4	77.2	6.5	.7	-	.2
16. Fabricated metal products, except metal cans and miscellaneous	6,098	100.0	34.9	49.0	13.1	.3	1.7	1.0
161. Cutlery, tools, and hardware	1,249	100.0	20.1	71.2	5.4	.9	.5	1.9
162. Plumbing fixtures and heating apparatus, except electric	892	100.0	32.4	54.4	11.5	.4	.3	1.0
163. Fabricated structural metal products	3,957	100.0	40.1	40.7	16.0	.1	2.4	.7

TABLE B. U.S. SUMMARY--Percent Distribution of Tons and Ton-Miles by Means of Transport, for Shipper Groups and Classes: 1967--Continued

Shipper group and class	Number	Percent distribution by means of transport						
		All means of transport	Rail	Motor carrier	Private truck	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)							
17. Metal cans and miscellaneous fabricated metal products..	6,148	100.0	34.7	50.2	11.3	0.8	2.1	0.9
171. Metal cans	1,207	100.0	50.5	28.9	11.5	-	8.0	1.1
172. Bolts, nuts, screws, rivets, and washers	616	100.0	12.2	78.0	3.5	3.6	.5	2.2
173. Metal stampings and metal plating, polishing, and engraving	2,108	100.0	32.3	51.0	14.5	.8	.9	.5
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products	2,217	100.0	34.5	53.6	10.4	.4	.4	.7
18. Industrial machinery, except electrical	4,145	100.0	26.8	57.1	8.4	1.5	.6	5.6
181. Metalworking machinery and equipment	987	100.0	9.7	58.4	6.6	3.5	2.0	19.8
182. Special industry machinery	783	100.0	15.2	72.8	9.9	1.0	.2	.9
183. General industrial machinery and equipment	2,375	100.0	37.7	51.1	8.7	.9	.2	1.4
19. Machinery, except electrical and industrial	9,126	100.0	44.4	45.0	7.6	.5	.9	1.6
191. Engines and turbines	739	100.0	44.2	46.7	3.9	.8	4.1	.3
192. Farm machinery and equipment	1,877	100.0	44.8	37.6	16.6	-	-	1.0
193. Construction, mining, and materials handling equipment	4,045	100.0	52.1	40.3	5.7	.3	1.0	.6
194. Office and service industry machinery	2,316	100.0	33.4	56.5	4.0	1.1	.6	4.4
195. Miscellaneous machinery and parts, except electrical	149	100.0	2.6	75.0	16.3	4.0	.1	2.0
20. Communications products and parts	1,577	100.0	30.8	55.6	3.6	4.9	.9	4.2
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records	782	100.0	35.7	54.1	4.0	1.3	.4	4.5
202. Communications equipment	499	100.0	31.5	57.2	.6	6.7	.3	3.7
203. Electronic components and accessories	296	100.0	16.7	56.9	7.8	11.4	3.3	3.9
21. Electrical products and supplies	7,208	100.0	46.7	42.7	7.1	.5	.9	2.1
211. Electrical transmission and distribution equipment	1,017	100.0	32.1	55.2	10.3	.9	.4	1.1
212. Electrical industrial apparatus	1,156	100.0	32.1	48.7	14.1	.8	.7	3.6
213. Household appliances	2,849	100.0	71.4	24.3	1.8	.1	1.2	1.2
214. Electric lighting and wiring equipment	1,509	100.0	32.7	55.7	7.4	.6	1.1	2.5
215. Miscellaneous electrical machinery and supplies	677	100.0	21.2	62.3	12.1	.7	-	3.7
22. Motor vehicles and equipment	14,944	100.0	75.8	21.0	1.7	.3	.9	.3
221. Truck and bus bodies and truck trailers	608	100.0	68.5	20.5	8.0	.1	1.7	1.2
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories	14,336	100.0	76.1	21.0	1.4	.3	.9	.3
23. Transportation equipment, except motor vehicles	2,680	100.0	47.4	33.4	16.8	1.4	.3	.7
231. Aircraft and parts	767	100.0	32.4	58.5	3.1	4.3	-	1.7
232. Ships and boats	286	100.0	32.8	37.8	25.6	.3	2.6	.9
233. Other transportation equipment and parts	1,627	100.0	57.1	20.9	21.6	.1	-	.3
24. Instruments, photographic equipment, watches, and clocks	893	100.0	25.6	62.7	2.9	3.4	.5	4.9
241. Engineering, laboratory, and scientific instruments	40	(1)	(1)	(1)	(1)	(1)	(1)	(1)
242. Measuring, controlling, and indicating instruments	219	100.0	8.6	74.7	3.6	3.6	.9	8.6
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies	244	100.0	16.8	67.5	4.2	4.6	.2	6.7
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts	390	100.0	41.7	54.0	.3	1.5	.5	2.0

[1]Not distributed. The sample for this shipper class was too small to show separately, but is included in the total for the shipper group.

TABLE C. U.S. SUMMARY--Average Distance of Shipments by Means of Transport, for Shipper Groups and Classes: 1967

(Average length of haul in straight-line miles)

Shipper group and class	All means of transport	Rail	Motor carrier	Private truck
Total	490	550	270	152
01. Meat and dairy products	402	611	468	166
011. Meat; fresh, chilled, or frozen	494	797	588	179
012. Meat products	404	612	481	179
013. Dairy products	266	394	266	132
02. Canned and frozen foods and other food products, except meat and dairy products	405	532	335	135
021. Canned fruits and vegetables	865	1,296	441	286
022. Canned specialties, seafood, and frozen food	619	895	439	275
023. Grain mill products and beet and cane sugar	309	427	208	94
024. Miscellaneous food preparations and kindred products	330	356	369	144
03. Candy, beverages, and tobacco products	368	690	319	141
031. Candy and confectionery	534	898	417	434
032. Alcoholic beverages	391	654	239	171
033. Bottled and canned soft drinks and flavorings	182	770	357	97
034. Tobacco products	587	778	345	250
04. Basic textiles and leather products	432	789	457	233
041. Broadwoven fabrics	437	833	464	227
042. Other basic textiles	412	765	424	239
043. Footwear, except rubber	587	1,500	665	100
044. Leather and leather products, except clothing	509	688	576	263
05. Apparel and related products	527	695	543	238
051. Men's, youths', and boys' clothing	575	542	593	449
052. Women's, misses', girls', and infants' clothing	631	809	643	224
053. Knitted clothing	418	343	464	108
054. Millinery, fur goods and miscellaneous fabricated textile products	522	791	524	225
06. Paper and allied products	488	680	277	137
061. Pulp and paper, except building paper	621	743	299	192
062. Building paper and boards, except insulating board	515	649	229	130
063. Converted paper and paperboard products, except containers and boxes	475	652	362	197
064. Containers and boxes and similar products	226	445	205	114
07. Basic chemicals, plastics materials, synthetic resins, rubber, and fibers	447	548	283	142
071. Basic inorganic chemicals, industrial gases, dyes, and pigments	424	499	355	126
072. Miscellaneous industrial chemicals	450	542	222	111
073. Plastics materials and synthetic resins, rubber, and fibers	492	766	330	288
08. Drugs, paints, and other chemical products	312	447	272	131
081. Drugs	712	1,012	581	254
082. Soap, detergents, perfume, cosmetics, and other toilet preparations	403	670	330	143
083. Paint and allied products	333	605	315	228
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products	271	396	184	120

TABLE C. U.S. SUMMARY--Average Distance of Shipments by Means of Transport, for Shipper Groups and Classes: 1967--Continued

(Average length of haul in straight-line miles)

Shipper group and class	All means of transport	Rail	Motor carrier	Private truck
09. Petroleum and coal products	692	379	112	95
091. Products of petroleum refining	708	370	103	94
092. Paving and roofing materials and miscellaneous petroleum and coal products	216	438	174	103
10. Rubber and plastics products	528	714	474	315
101. Tires and inner tubes	514	604	441	433
102. Rubber footwear	715	1,059	690	111
103. Miscellaneous rubber products and reclaimed rubber	464	916	418	257
104. Miscellaneous plastics products	583	1,071	533	287
11. Lumber and wood products, except furniture	754	1,098	311	178
112. Lumber and dimension stock	710	969	320	182
113. Millwork, veneer, plywood, and prefabricated structural wood products	1,140	1,502	313	186
114. Wooden containers and miscellaneous wood products	480	880	294	166
12. Furniture, fixtures, and miscellaneous manufactured products	569	903	528	299
121. Household and office furniture	502	767	467	249
122. Other furniture, fixtures, and partitions	620	996	592	405
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry; novelties and notions	882	1,360	659	200
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other miscellaneous manufactured products	554	1,205	506	416
13. Stone, clay, and glass products	196	285	136	107
131. Flat glass	447	558	339	311
132. Glass containers and other glass products	274	520	234	172
133. Structural clay, pottery, and related products	241	422	174	123
134. Concrete, gypsum, and plaster	163	268	95	70
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products	174	222	109	106
14. Primary iron and steel products	314	367	204	208
141. Steel works and rolling mill products	313	360	197	196
142. Iron and steel castings	340	501	240	257
143. Miscellaneous primary metal products	233	261	257	79
15. Primary nonferrous metal products	589	822	415	215
151. Nonferrous metals primary smelter products	598	766	216	170
152. Nonferrous metal basic shapes	620	1,023	488	266
153. Nonferrous and nonferrous base alloy castings	299	254	348	127
16. Fabricated metal products, except metal cans and miscellaneous	366	556	402	161
161. Cutlery, tools, and hardware	649	632	705	306
162. Plumbing fixtures and heating apparatus except electric	529	935	446	383
163. Fabricated structural metal products	303	508	317	141

TABLE C. U.S. SUMMARY--Average Distance of Shipments by Means of Transport, for Shipper Groups and Classes: 1967--Continued

(Average length of haul in straight-line miles)

Shipper group and class	All means of transport	Rail	Motor carrier	Private truck
17. Metal cans and miscellaneous fabricated metal products..	334	543	298	185
171. Metal cans	238	415	155	110
172. Bolts, nuts, screws, rivets, and washers	334	701	316	161
173. Metal stampings and metal plating, polishing, and engraving	334	544	291	248
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products	428	698	410	203
18. Industrial machinery, except electrical	618	965	536	468
181. Metalworking machinery and equipment	517	497	512	236
182. Special industry machinery	542	657	541	403
183. General industrial machinery and equipment	709	1,153	545	742
19. Machinery, except electrical and industrial	577	797	497	313
191. Engines and turbines	597	940	449	290
192. Farm machinery and equipment	447	619	400	301
193. Construction, mining, and materials handling equipment	633	823	518	384
194. Office and service industry machinery	658	950	571	323
195. Miscellaneous machinery and parts, except electric.	312	667	403	133
20. Communications products and parts	627	912	547	242
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records	607	1,004	508	226
202. Communications equipment	763	918	667	375
203. Electronic components and accessories	517	590	493	253
21. Electrical products and supplies	595	800	498	354
211. Electrical transmission and distribution equipment.	622	852	531	608
212. Electrical industrial apparatus	535	757	455	466
213. Household appliances	699	766	559	395
214. Electric lighting and wiring equipment	678	1,014	590	434
215. Miscellaneous electrical machinery and supplies	335	738	345	152
22. Motor vehicles and equipment	409	539	232	139
221. Truck and bus bodies and truck trailers	679	803	527	383
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories	402	532	227	121
23. Transportation equipment, except motor vehicles	435	465	391	443
231. Aircraft and parts	623	752	585	296
232. Ships and boats	473	718	400	471
233. Other transportation equipment and parts	376	408	271	452
24. Instruments, photographic equipment, watches, and clocks	593	1,123	523	179
241. Engineering, laboratory, and scientific instruments	(1)	(1)	(1)	(1)
242. Measuring, controlling, and indicating instruments.	619	1,357	566	500
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies	466	1,464	442	111
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts..	691	1,058	561	56

[1]The sample for this shipper class was too small to show separately, but is included in the total for the shipper group.

TABLE D. U.S. SUMMARY--Percent Distribution of Distance of Shipment by Means of Transport: 1967

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,384,617	100.0	32.9	26.7	13.8	-	26.3	0.2	0.1
Under 50 miles	205,809	100.0	13.2	35.7	29.1	-	21.6	.3	.1
50 to 99 miles	169,160	100.0	24.5	39.8	27.7	-	7.7	.2	.1
100 to 199 miles	206,667	100.0	33.4	35.9	21.2	-	9.1	.2	.2
200 to 299 miles	156,804	100.0	41.2	30.5	11.2	-	16.7	.2	.2
300 to 399 miles	104,847	100.0	40.7	29.5	7.1	-	22.4	.2	.1
400 to 499 miles	65,850	100.0	55.9	27.1	6.7	0.1	9.8	.3	.1
500 to 599 miles	53,682	100.0	53.6	24.7	6.4	.1	14.9	.2	.1
600 to 799 miles	104,925	100.0	43.1	19.1	3.3	.1	34.0	.3	.1
800 to 999 miles	83,248	100.0	34.9	12.1	2.0	.1	50.6	.2	.1
1,000 to 1,199 miles	41,515	100.0	37.5	11.8	2.4	.1	47.8	.4	-
1,200 to 1,499 miles	105,011	100.0	13.1	3.4	.5	-	82.9	.1	-
1,500 to 1,999 miles	61,034	100.0	38.5	5.5	.8	.1	54.9	.1	.1
2,000 miles and over	26,065	100.0	65.5	9.5	1.1	.4	22.7	.7	.1
TON-MILES	(millions of ton-miles)								
Total	678,992	100.0	36.8	14.7	4.3	0.1	43.7	0.3	0.1
Under 50 miles	5,510	100.0	13.9	36.4	31.6	-	17.8	.2	.1
50 to 99 miles	12,088	100.0	24.6	40.2	27.7	-	7.2	.2	.1
100 to 199 miles	30,272	100.0	33.8	35.8	20.3	-	9.7	.2	.2
200 to 299 miles	38,588	100.0	41.2	30.3	11.0	-	17.1	.2	.2
300 to 399 miles	35,989	100.0	40.9	29.6	7.1	-	22.1	.2	.1
400 to 499 miles	29,322	100.0	56.0	27.0	6.7	.1	9.8	.3	.1
500 to 599 miles	29,680	100.0	53.4	24.5	6.3	.1	15.4	.2	.1
600 to 799 miles	73,045	100.0	42.8	18.9	3.3	.1	34.5	.3	.1
800 to 999 miles	74,416	100.0	34.7	12.0	2.0	.1	50.9	.2	.1
1,000 to 1,199 miles	45,706	100.0	37.2	11.6	2.4	.1	48.3	.4	-
1,200 to 1,499 miles	142,595	100.0	13.0	3.3	.4	-	83.2	.1	-
1,500 to 1,999 miles	100,685	100.0	40.9	5.8	.8	.1	52.1	.2	.1
2,000 miles and over	61,096	100.0	64.2	9.5	1.0	.4	24.1	.7	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE E. U.S. SUMMARY--Percent Distribution of Weight of Shipment by Means of Transport: 1967

Weight of shipment	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,242,455	100.0	34.2	27.5	13.8	0.1	24.1	0.2	0.1
Under 50 pounds	1,027	100.0	2.5	39.2	12.7	5.1	.1	40.2	.2
50 to 99 pounds	1,271	100.0	3.3	63.7	18.9	3.0	.1	10.7	.3
100 to 199 pounds	2,880	100.0	2.9	71.3	19.9	2.0	.1	3.6	.2
200 to 499 pounds	7,767	100.0	2.7	74.7	19.2	1.2	.2	1.8	.2
500 to 999 pounds	9,127	100.0	2.9	74.1	20.5	.9	.2	1.2	.2
1,000 to 1,999 pounds	12,333	100.0	2.7	71.6	23.8	.5	.3	.9	.2
2,000 to 2,999 pounds	10,533	100.0	7.1	65.2	25.9	.4	.3	.9	.2
3,000 to 3,999 pounds	13,119	100.0	24.1	58.5	16.3	.1	.3	.6	.1
4,000 to 4,999 pounds	10,315	100.0	20.0	57.6	21.3	.1	.2	.6	.2
5,000 to 9,999 pounds	28,204	100.0	6.0	57.9	34.7	.1	.3	.9	.1
10,000 to 19,999 pounds	57,175	100.0	11.7	45.0	42.1	-	.3	.6	.3
20,000 to 29,999 pounds	67,275	100.0	14.5	51.0	33.8	-	.3	.3	.1
30,000 to 39,999 pounds	105,984	100.0	14.6	54.4	30.3	-	.3	.3	.1
40,000 to 49,999 pounds	157,076	100.0	11.3	59.8	28.2	-	.5	.1	.1
50,000 to 59,999 pounds	62,494	100.0	34.8	45.7	18.9	-	.4	.1	.1
60,000 to 69,999 pounds	36,058	100.0	74.9	19.2	5.0	-	.5	.1	.3
70,000 to 79,999 pounds	34,778	100.0	84.9	11.0	2.9	-	1.0	.1	.1
80,000 to 89,999 pounds	39,291	100.0	89.5	8.1	1.8	-	.5	-	.1
90,000 pounds and over	585,748	100.0	43.2	4.4	1.6	-	50.7	-	.1
TON-MILES	(millions of ton-miles)								
Total	586,089	100.0	39.9	15.9	4.5	0.1	39.3	0.2	0.1
Under 50 pounds	614	100.0	4.1	39.7	2.3	9.7	.6	43.3	.3
50 to 99 pounds	677	100.0	6.3	69.4	4.4	6.0	.7	12.9	.3
100 to 199 pounds	1,431	100.0	6.2	78.3	5.3	4.0	.8	5.2	.2
200 to 499 pounds	3,600	100.0	6.3	81.5	5.8	2.4	.9	2.9	.2
500 to 999 pounds	3,980	100.0	6.9	80.4	7.1	2.0	1.2	2.2	.2
1,000 to 1,999 pounds	5,009	100.0	6.5	78.7	10.2	1.4	1.1	1.9	.2
2,000 to 2,999 pounds	4,085	100.0	13.9	69.6	11.3	1.3	1.9	1.8	.2
3,000 to 3,999 pounds	5,164	100.0	42.0	48.4	6.6	.3	1.5	1.1	.1
4,000 to 4,999 pounds	4,206	100.0	41.1	48.0	8.9	.3	.8	.8	.1
5,000 to 9,999 pounds	9,233	100.0	13.3	65.6	18.1	.3	1.4	1.2	.1
10,000 to 19,999 pounds	16,398	100.0	27.4	49.1	20.8	.1	1.4	.7	.5
20,000 to 29,999 pounds	21,286	100.0	31.6	48.5	17.2	-	2.0	.6	.1
30,000 to 39,999 pounds	34,140	100.0	30.9	52.0	15.6	-	1.1	.3	.1
40,000 to 49,999 pounds	38,465	100.0	28.9	49.5	18.7	-	2.6	.2	.1
50,000 to 59,999 pounds	18,386	100.0	69.0	22.6	7.1	-	1.1	.1	.1
60,000 to 69,999 pounds	18,175	100.0	89.1	8.3	1.5	-	1.0	-	.1
70,000 to 79,999 pounds	21,722	100.0	91.2	5.8	.9	-	2.1	-	-
80,000 to 89,999 pounds	25,254	100.0	93.9	4.5	.5	.1	.9	-	.1
90,000 pounds and over	354,264	100.0	34.4	1.4	.3	-	63.9	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE F. U.S. SUMMARY-- Percent Distribution of Tons by Means of Transport for Shipper Groups by Plant Size Class: 1967

Shipper group and size of establishment (number of employees)	Tons of shipments (thousands)	Percent distribution by means of transport						
		All means transport	Rail	Motor carrier	Private truck	Air	Water	All other
Total	1,384,617	100.0	32.8	26.7	13.8	0.1	26.3	0.3
20 to 99 employees	248,343	100.0	32.5	28.9	34.8	-	3.2	.6
100 to 499 employees	474,788	100.0	36.3	32.3	15.8	-	15.3	.3
500 employees and over	661,486	100.0	30.5	21.8	4.5	-	42.9	.3
01. Meat and dairy products	38,675	100.0	30.2	32.4	36.6	-	.2	.6
20 to 99 employees	13,992	100.0	28.0	26.1	45.2	-	.3	.4
100 to 499 employees	17,744	100.0	31.0	36.8	31.8	-	.2	.2
500 employees and over	6,939	100.0	32.5	34.0	31.6	-	.1	1.8
02. Canned and frozen foods and other food products, except meat and dairy products	155,371	100.0	56.1	19.1	21.8	-	2.8	.2
20 to 99 employees	61,245	100.0	45.3	18.9	35.2	-	.4	.2
100 to 499 employees	67,714	100.0	61.4	17.7	14.9	-	5.7	.3
500 employees and over	26,412	100.0	67.3	23.4	7.8	-	1.3	.2
03. Candy, beverages, and tobacco products	40,327	100.0	30.2	29.6	39.2	-	.4	.6
20 to 99 employees	9,395	100.0	26.6	21.5	50.1	-	.3	1.5
100 to 499 employees	13,790	100.0	22.0	31.3	45.8	-	.7	.2
500 employees and over	17,142	100.0	38.7	32.6	28.0	-	.3	.4
04. Basic textiles and leather products	14,495	100.0	9.1	59.8	29.8	.1	.3	.9
20 to 99 employees	1,219	100.0	6.6	65.1	26.2	.2	.1	1.8
100 to 499 employees	7,947	100.0	6.3	56.1	36.2	.1	.5	.8
500 employees and over	5,329	100.0	13.9	64.0	21.1	.1	.1	.8
05. Apparel and related products	4,514	100.0	11.4	64.1	17.3	.8	-	6.4
20 to 99 employees	842	100.0	1.0	65.6	24.0	1.0	-	8.4
100 to 499 employees	2,835	100.0	12.2	64.3	18.1	.5	.1	4.8
500 employees and over	837	100.0	19.1	61.9	7.9	1.3	-	9.8
06. Paper and allied products	71,677	100.0	55.5	27.7	15.1	-	1.4	.3
20 to 99 employees	7,250	100.0	19.5	36.4	42.1	-	.8	1.2
100 to 499 employees	28,925	100.0	40.5	35.5	22.9	-	.7	.4
500 employees and over	35,502	100.0	75.0	19.5	3.2	-	2.2	.1
07. Basic chemicals, plastics materials, synthetic, resins, rubber, and fibers	97,619	100.0	52.4	26.4	9.4	-	11.3	.5
20 to 99 employees	18,710	100.0	45.0	26.7	24.6	-	3.0	.7
100 to 499 employees	34,677	100.0	53.2	30.3	8.2	-	8.0	.3
500 employees and over	44,232	100.0	55.0	23.1	4.0	-	17.3	.6
08. Drugs, paints, and other chemical products	61,169	100.0	36.7	34.9	18.9	.1	9.1	.3
20 to 99 employees	24,426	100.0	27.5	37.4	34.6	-	.1	.4
100 to 499 employees	27,889	100.0	40.0	31.7	10.5	.1	17.5	.2
500 employees and over	8,854	100.0	51.6	38.1	2.1	.1	7.7	.4
09. Petroleum and coal products	417,660	100.0	5.8	10.9	4.9	-	78.3	.1
20 to 99 employees	21,070	100.0	11.4	33.7	30.9	-	23.8	.2
100 to 499 employees	101,851	100.0	10.0	23.5	9.4	-	56.8	.3
500 employees and over	294,739	100.0	4.0	4.9	1.5	-	89.6	-
10. Rubber and plastics products	10,057	100.0	25.5	63.5	9.2	.3	.2	1.3
20 to 99 employees	892	100.0	.5	81.1	16.6	1.1	-	.7
100 to 499 employees	3,391	100.0	14.5	67.6	15.9	.3	.4	1.3
500 employees and over	5,774	100.0	35.8	58.4	4.0	.2	.1	1.5
11. Lumber and wood products, except furniture	61,859	100.0	53.5	13.4	28.0	-	5.0	.1
20 to 99 employees	31,228	100.0	43.8	14.6	36.2	-	5.4	-
100 to 499 employees	25,223	100.0	59.7	13.6	21.7	-	4.8	.2
500 employees and over	5,408	100.0	79.7	5.8	10.3	-	3.9	.3
12. Furniture, fixtures, and miscellaneous manufactured products	8,712	100.0	20.5	53.2	23.4	.1	.9	1.9
20 to 99 employees	1,667	100.0	15.9	50.0	28.1	.1	3.6	2.3
100 to 499 employees	4,548	100.0	11.4	57.9	28.6	.1	.2	1.8
500 employees and over	2,497	100.0	40.2	46.7	10.6	.1	.4	2.0

TABLE F. U.S. SUMMARY-- Percent Distribution of Tons by Means of Transport for Shipper Groups by Plant Size Class: 1967--Continued

Shipper group and size of establishment (number of employees)	Tons of shipments (thousands)	Percent distribution by means of transport						
		All means transport	Rail	Motor carrier	Private truck	Air	Water	All other
13. Stone, clay, and glass products	134,313	100.0	35.7	44.5	17.7	-	1.8	0.3
20 to 99 employees	36,933	100.0	28.7	36.4	33.8	-	.5	.6
100 to 499 employees	78,002	100.0	39.9	46.8	12.1	-	1.1	.1
500 employees and over	19,378	100.0	32.3	50.7	9.5	-	7.5	-
14. Primary iron and steel products	128,975	100.0	50.3	37.7	5.2	-	6.7	.1
20 to 99 employees	3,501	100.0	38.9	40.7	20.4	-	-	-
100 to 499 employees	22,892	100.0	59.3	28.0	9.8	0.2	2.7	-
500 employees and over	102,582	100.0	48.6	39.8	3.7	-	7.8	.1
15. Primary nonferrous metal products	22,776	100.0	48.4	37.0	12.5	.1	1.6	.4
20 to 99 employees	3,335	100.0	20.9	46.5	32.2	-	.3	.1
100 to 499 employees	6,739	100.0	40.1	40.8	18.2	.1	.4	.4
500 employees and over	12,702	100.0	60.2	32.5	4.2	.1	2.5	.5
16. Fabricated metal products, except metal cans and miscellaneous	16,668	100.0	23.0	44.6	29.8	.1	1.7	.8
20 to 99 employees	3,572	100.0	.4	34.4	63.3	-	-	1.9
100 to 499 employees	8,760	100.0	19.5	52.6	26.2	.1	1.0	.6
500 employees and over	4,336	100.0	48.5	37.0	9.6	.2	4.4	.3
17. Metal cans and miscellaneous fabricated metal products	18,408	100.0	21.3	56.2	20.5	.3	.6	1.1
20 to 99 employees	4,016	100.0	6.4	66.0	24.8	.7	-	2.1
100 to 499 employees	8,946	100.0	19.9	53.3	25.6	.2	.5	.5
500 employees and over	5,446	100.0	34.6	54.0	8.9	.2	1.2	1.1
18. Industrial machinery, except electrical	6,703	100.0	17.2	65.7	11.1	.8	.3	4.9
20 to 99 employees	865	100.0	8.9	59.0	3.4	1.7	.1	26.9
100 to 499 employees	2,584	100.0	17.9	61.9	18.3	.5	.4	1.0
500 employees and over	3,254	100.0	18.8	70.6	7.5	.7	.2	2.2
19. Machinery, except electrical and industrial	15,820	100.0	32.1	52.3	13.9	.3	.2	1.2
20 to 99 employees	2,388	100.0	10.0	60.9	27.2	.1	.2	1.6
100 to 499 employees	3,716	100.0	17.5	60.3	20.0	.3	.4	1.5
500 employees and over	9,716	100.0	43.2	47.1	8.3	.3	.2	.9
20. Communications products and parts	2,514	100.0	21.2	63.8	9.4	2.6	.3	2.7
20 to 99 employees	264	100.0	1.0	88.9	4.5	2.9	.2	2.5
100 to 499 employees	279	100.0	.6	69.4	22.8	4.7	-	2.5
500 employees and over	1,971	100.0	26.8	59.7	8.1	2.3	.4	2.7
21. Electrical products and supplies	12,115	100.0	34.8	50.9	12.0	.3	.2	1.8
20 to 99 employees	563	100.0	1.8	55.5	36.8	.8	.3	4.8
100 to 499 employees	3,727	100.0	28.7	56.8	12.7	.2	.1	1.5
500 employees and over	7,825	100.0	40.1	47.8	9.8	.3	.2	1.8
22. Motor vehicles and equipment	36,525	100.0	57.6	36.9	4.9	.2	.1	.3
20 to 99 employees	280	100.0	51.6	39.4	7.0	-	.3	1.7
100 to 499 employees	813	100.0	33.0	35.6	30.4	-	.2	.8
500 employees and over	35,432	100.0	58.2	36.9	4.3	.2	.1	.3
23. Transportation equipment, except motor vehicles.	6,159	100.0	44.3	37.2	16.5	.8	.7	.5
20 to 99 employees	438	100.0	30.7	45.8	22.3	.2	-	1.0
100 to 499 employees	1,445	100.0	13.7	29.4	55.6	.4	-	.9
500 employees and over	4,276	100.0	56.1	39.0	2.6	.9	1.0	.4
24. Instruments, photographic equipment, watches, and clocks	1,506	100.0	13.5	71.1	9.3	1.9	.4	3.8
20 to 99 employees	252	100.0	.8	68.0	25.7	1.1	.5	3.9
100 to 499 employees	351	100.0	12.9	62.4	15.6	2.3	1.3	5.5
500 employees and over	903	100.0	17.3	75.2	2.3	2.0	.1	3.1

TABLE G. U.S. SUMMARY--Percent Distribution of Tons of Shipments by Type, for Geographic Divisions of Origin and Destination: 1967

Type of product	United States	Division of origin								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food products	16.9	17.6	14.1	19.4	51.1	14.5	13.4	8.2	15.5	19.1
Petroleum and coal products	30.2	5.8	23.2	12.0	8.5	3.7	23.8	72.3	23.9	27.1
Metal products	13.5	11.0	23.0	25.4	4.9	12.3	17.4	2.4	16.1	6.3
Stone, clay, and glass products	9.7	6.4	12.0	11.8	13.4	15.2	8.3	3.5	14.1	10.1
All other	29.7	59.2	27.7	31.4	22.1	54.3	37.1	13.6	30.4	37.4

Type of product	United States	Division of destination								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food products	16.9	12.6	13.8	16.9	30.7	13.8	18.5	19.7	15.6	4.0
Petroleum and coal products	30.2	58.6	39.2	15.2	15.1	31.8	29.0	35.3	30.7	30.7
Metal products	13.5	6.1	13.8	25.0	10.8	7.2	13.1	10.2	11.8	8.4
Stone, clay, and glass products	9.7	5.1	7.7	12.2	10.7	9.7	10.2	8.2	13.5	10.5
All other	29.7	17.6	25.5	30.7	32.7	37.5	29.2	26.6	28.4	46.4

TABLE H. U.S. SUMMARY--Percent Distribution of Tons of Shipments by Geographic Divisions of Origin and Destination: 1967

Division of origin	Tons of shipments (thousands)	Percent distribution by division of destination									
		All destinations	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
U.S. total	1,384,617	100.0	6.9	18.3	22.2	7.0	14.9	6.9	10.4	2.4	11.0
New England	30,400	100.0	41.3	25.8	11.9	1.9	11.3	2.1	2.2	.5	3.0
Middle Atlantic	191,978	100.0	8.0	51.2	17.8	1.8	10.0	2.0	7.0	.4	1.8
East North Central	309,836	100.0	1.9	10.0	61.4	7.7	6.0	6.0	3.5	.8	2.7
West North Central	92,723	100.0	1.7	5.3	22.2	48.0	4.2	4.7	7.9	2.4	3.6
South Atlantic	136,783	100.0	4.7	14.7	9.9	1.9	56.7	7.3	3.0	.3	1.5
East South Central	91,362	100.0	1.2	11.0	19.0	3.6	21.1	31.3	10.2	.6	2.0
West South Central	346,350	100.0	14.7	21.6	4.8	3.0	17.5	7.5	26.6	1.6	2.7
Mountain	32,327	100.0	.5	2.7	10.8	10.0	2.4	1.1	7.1	44.8	20.6
Pacific	152,858	100.0	.6	3.6	5.0	3.0	2.6	1.7	2.6	5.0	75.9

Division of destination	Tons of shipments (thousands)	Percent distribution by division of origin									
		All origins	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
U.S. total	1,384,617	100.0	2.2	13.9	22.4	6.7	9.9	6.6	25.0	2.3	11.0
New England	94,988	100.0	13.2	16.1	6.2	1.7	6.8	1.2	53.6	.2	1.0
Middle Atlantic	253,408	100.0	3.1	38.7	12.3	1.9	8.0	4.0	29.5	.3	2.2
East North Central	307,489	100.0	1.2	11.1	61.9	6.7	4.4	5.6	5.5	1.1	2.5
West North Central	96,561	100.0	.6	3.5	24.8	46.2	2.7	3.4	10.7	3.4	4.7
South Atlantic	207,132	100.0	1.7	9.3	8.9	1.9	37.3	9.3	29.3	.4	1.9
East South Central	94,862	100.0	.7	4.2	19.5	4.6	10.6	30.1	27.2	.4	2.7
West South Central	144,155	100.0	.4	9.4	7.5	5.1	2.8	6.4	64.0	1.6	2.8
Mountain	34,046	100.0	.5	2.0	7.4	6.5	1.1	1.7	15.9	42.4	22.5
Pacific	151,976	100.0	.6	2.3	5.5	2.2	1.4	1.2	6.2	4.4	76.2

Shipper Group 1

Meat and Dairy Products

011 Meat; fresh, chilled, or frozen
012 Meat products
013 Dairy products

SAMPLE SIZE

The sample for this shipper group consisted of 676 establishments, of which 527 were in scope and provided data from 61,331 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (149 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 01 and their related SIC industries are as follows:

Shipper Class 011.--Meat; fresh, chilled or frozen
- SIC 2011.--Meat packing plants

Shipper Class 012.--Meat products
- SIC 2013.--Sausages and other prepared meat products
- SIC 2015.--Poultry and small game dressing and packing, wholesale
- SIC 2094.--Animal and marine fats and oils

Shipper Class 013.--Dairy products
- SIC 2021.--Creamery butter
- SIC 2022.--Cheese, natural and processed
- SIC 2023.--Condensed and evaporated milk
- SIC 2024.--Ice cream and frozen desserts

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
011–Meat; fresh, chilled or frozen	2011,2012,2013 (part), 2014 (part)	2011
012–Meat products	2013 (part), 2014 (part), 2015,2016,2094	2013,2015,2094
013–Dairy products	2021,2023,2024,2025	2021,2022,2023,2024

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 60 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 01	38,675	100.0	60.4	39.6
Class 011	16,641	100.0	60.9	39.1
Class 012	10,579	100.0	75.3	24.7
Class 013	11,455	100.0	67.5	32.5

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Meat and Dairy Products Shipper Group shipped (beyond the local area) about 38,675,000 tons of commodities during 1967. Those shipments generated nearly 16 billion ton-miles by all means of transport combined, averaging about 400 straight-line miles per ton shipped.

As shown in table A, almost half (about 45 percent) of the total tons shipped by this shipper group were by the Meat; Fresh, Chilled or Frozen Shipper Class. Each of the other two shipper classes (Meat Products and Dairy Products) accounted for about half of the remaining tons shipped.

For the shipper group as a whole, rails, motor carriers, and private trucks each carried about one-third of the total tonnage. A similar pattern is shown for each of the three shipper classes. Private trucks accounted for somewhat more than rail or motor carrier in two out of three classes as well as the group as a whole.

When measured in terms of ton-miles, rather than tons, rails become the dominant means of transport for the shipper group as a whole because of longer hauls by rail than by private truck especially in this group of industries. Of the 15.5 billion ton-miles for the shipper group, 7.1 billion were by rail, 5.9 were by motor carrier, and 2.4 were by private truck.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 10 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Meat and Dairy Products Shipper Group and shipper classes for both years. An increase for the shipper group is indicated in the table, from 35.8 million tons in 1963 to 38.7 million in 1967. Increases occurred in two shipper classes, 012 and 013, which are partially offset by a decrease in Shipper Class 011.

As shown in table C, for the shipper group, rail and motor carrier shares of the total tons increased in 1967, while the private truck share decreased. This is also the case for the Meat Products and the Dairy Products Shipper Classes. For Shipper Class 011, the situation is reversed with a decrease in 1967 showing for the rail share and a corresponding increase for private truck, while the motor carrier share remained essentially unchanged. In terms of ton-miles, there was relatively little change in carrier shares between 1963 and 1967 for the shipper group as a whole. For each of the shipper classes, however, there are shifts in the rail and private truck shares between the two years, with the motor carrier share again remaining at about the same level in both years.

Table D indicates that the average length of haul for the shipper group and shipper classes has not changed radically between the two years. The one exception appears in the Dairy Products Shipper Class where a considerably shorter haul is shown for rails in 1967 than in 1963. It should be noted that the average length of haul is based solely on *intercity* (i.e. beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 01: Meat and dairy products....	38,675	11,677	12,528	14,156	314
Shipper Classes:					
011. Meat; fresh, chilled, or frozen.....	16,641	4,770	5,438	6,283	150
012. Meat products.....	10,579	2,829	3,624	3,982	144
013. Dairy products.....	11,455	4,078	3,466	3,891	20
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 01.....	15,540	7,140	5,862	2,353	185
Shipper Classes:					
011. Meat; fresh, chilled, or frozen.....	8,218	3,802	3,197	1,127	92
012. Meat products.....	4,272	1,731	1,742	712	87
013. Dairy products.....	3,050	1,607	923	514	6

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 01: Meat and dairy products.....	38,675	35,845	39,787
Shipper Classes:			
011. Meat; fresh chilled, or frozen..	16,641	19,588	19,980
012. Meat products.....	10,579	6,616	7,593
013. Dairy products.....	11,455	9,641	12,214

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 01: Meat and dairy products:					
1967	100.0	30.2	32.4	36.6	0.8
1963	100.0	27.1	29.8	42.6	.5
Shipper Classes					
011. Meat; fresh, chilled, or frozen:					
1967	100.0	28.7	32.7	37.6	1.0
1963	100.0	36.5	31.3	31.3	.9
012. Meat products:					
1967	100.0	26.7	34.3	37.6	1.4
1963	100.0	17.7	33.4	48.7	.2
013. Dairy products:					
1967	100.0	35.5	30.3	34.0	.2
1963	100.0	17.7	24.9	57.4	-
TON-MILES					
Shipper Group 01: Meat and dairy products:					
1967	100.0	46.0	37.7	15.1	1.2
1963	100.0	46.5	36.2	16.2	1.1
Shipper Classes					
011. Meat; fresh, chilled, or frozen:					
1967	100.0	46.3	38.9	13.7	1.1
1963	100.0	53.4	35.8	9.2	1.6
012. Meat products:					
1967	100.0	40.5	40.8	16.7	2.0
1963	100.0	26.8	39.8	33.1	.3
013. Dairy products:					
1967	100.0	52.6	30.3	16.9	.2
1963	100.0	41.5	34.3	24.1	.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 01: Meat and dairy products:				
1967	402	611	468	166
1963	400	686	486	152
SHIPPER CLASSES				
011. Meat; fresh, chilled, or frozen:				
1967	494	797	588	179
1963	505	739	578	148
012. Meat products:				
1967	404	612	481	179
1963	367	556	438	250
013. Dairy products:				
1967	266	394	266	132
1963	248	582	342	104

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 01: Meat and Dairy Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	30.9	33.5	34.8	0.8
1963	100.0	31.2	27.5	40.6	.7
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	16.9	26.3	56.0	.8
1963	100.0	14.5	15.4	69.9	.2
200 to 399 miles:					
1967	100.0	34.9	38.1	26.3	.7
1963	100.0	26.6	43.3	30.1	-
400 miles and over:					
1967	100.0	48.0	40.9	10.4	.7
1963	100.0	54.2	35.2	9.1	1.5
WEIGHT					
Under 1,000 pounds:					
1967	100.0	.7	14.7	82.9	1.7
1963	100.0	.6	13.5	85.8	.1
1,000 to 9,999 pounds:					
1967	100.0	2.0	26.9	69.7	1.4
1963	100.0	5.8	24.1	69.5	.6
10,000 to 29,999 pounds:					
1967	100.0	3.1	42.5	53.9	.5
1963	100.0	19.5	41.7	38.4	.4
30,000 pounds and over:					
1967	100.0	45.4	33.5	20.5	.6
1963	100.0	47.8	25.0	26.4	.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 01: Meat and Dairy Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	30.2	32.4	36.6	0.8
1963	100.0	27.1	29.8	42.6	.5
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	3.4	24.9	71.7	-
20 to 99 employees:					
1967	100.0	28.0	26.1	45.2	.7
1963	100.0	20.5	28.2	51.2	.1
100 to 499 employees:					
1967	100.0	31.0	36.8	31.8	.4
1963	100.0	22.1	29.4	48.3	.2
500 employees and over:					
1967	100.0	32.5	34.0	31.6	1.9
1963	100.0	46.0	32.9	19.8	1.3

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 01: Meat and Dairy Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	30.2	32.4	36.6	0.8
1963	100.0	27.1	29.8	42.6	.5
Middle Atlantic:					
1967	100.0	4.5	29.4	65.7	.4
1963	100.0	2.3	26.5	71.1	.1
East North Central:					
1967	100.0	28.0	37.4	34.4	.2
1963	100.0	23.7	36.2	39.7	.4
West North Central:					
1967	100.0	48.5	33.8	16.4	1.3
1963	100.0	35.8	26.5	36.9	.8
South Atlantic:					
1967	100.0	24.7	27.9	46.7	.7
1963	100.0	21.4	28.2	50.3	.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 01: MEAT AND DAIRY PRODUCTS		
Total shipments	38,675	9.0
Shipments by--		
Rail	11,677	15.6
Motor carrier	12,528	12.2
Private truck	14,156	9.6
All other	314	-
Shipments from--		
New England Division	1,178	49.0
Middle Atlantic Division	2,529	22.1
East North Central Division	11,878	15.8
West North Central Division	10,888	19.3
South Atlantic Division	4,624	33.1
East South Central Division	2,171	25.3
West South Central Division	2,076	16.4
Mountain Division	1,285	36.7
Pacific Division	2,046	38.5
SHIPPER CLASS 011: MEAT; FRESH, CHILLED, OR FROZEN		
Total Shipments	16,641	12.8
Shipments by--		
Rail	4,770	16.6
Motor carrier	5,438	16.0
Private truck	6,283	15.0
All other	150	-
Shipments from--		
Middle Atlantic Division	667	36.2
East North Central Division	3,419	37.2
West North Central Division	7,711	13.4
South Atlantic Division	1,132	32.4
East South Central Division	656	29.4
West South Central Division	676	34.0
Mountain Division	985	47.6
Pacific Division	998	53.4
Balance of United States	397	-

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER CLASS 012: MEAT PRODUCTS		
Total shipments	10,579	14.8
Shipments by--		
Rail	2,829	22.2
Motor carrier	3,624	13.6
Private truck	3,982	19.0
All other	144	-
Shipments from--		
New England Division	694	33.6
Middle Atlantic Division	902	39.0
East North Central Division	1,823	44.2
West North Central Division	1,982	24.0
South Atlantic Division	1,998	26.6
East South Central Division	1,050	41.8
West South Central Division	1,357	18.2
Mountain Division	112	56.4
Pacific Division	661	26.8
SHIPPER CLASS 013: DAIRY PRODUCTS		
Total shipments	11,455	16.4
Shipments by--		
Rail	4,078	25.6
Motor carrier	3,466	25.8
Private truck	3,891	25.6
All other	20	-
Shipments from--		
Middle Atlantic Division	960	30.8
East North Central Division	6,635	23.2
West North Central Division	1,195	31.0
South Atlantic Division	1,495	58.6
Pacific Division	387	57.2
Balance of United States	783	-

TABLE 1. SHIPPER GROUP 01--Percent Distribution of Distance, by Means of Transport: 1967

Meat and Dairy Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	38,675	100.0	30.2	32.4	36.6	-	0.2	0.4	0.2
Under 50 miles	4,699	100.0	7.8	12.8	77.9	-	.1	1.0	.4
50 to 99 miles	5,741	100.0	16.0	17.5	65.9	-	.1	.2	.3
100 to 199 miles	8,136	100.0	19.8	37.7	41.8	-	.5	.1	.1
200 to 299 miles	4,218	100.0	29.7	35.1	34.6	-	-	.6	-
300 to 399 miles	2,736	100.0	38.0	41.6	19.8	-	-	.5	.1
400 to 499 miles	1,715	100.0	43.2	34.5	21.6	-	-	.2	.5
500 to 599 miles	1,765	100.0	41.2	47.8	10.9	-	-	-	.1
600 to 799 miles	3,177	100.0	42.1	45.5	12.1	-	-	.2	.1
800 to 999 miles	2,133	100.0	54.9	36.7	6.3	-	.6	1.1	.4
1,000 to 1,199 miles	1,742	100.0	61.9	33.4	4.6	-	-	.1	-
1,200 to 1,499 miles	1,527	100.0	49.0	43.3	7.2	-	.1	.4	-
1,500 to 1,999 miles	839	100.0	62.1	34.3	3.2	0.1	.3	-	-
2,000 miles and over	247	100.0	66.6	18.1	6.1	-	9.2	-	-
TON-MILES	(millions of ton-miles)								
Total	15,540	100.0	46.0	37.7	15.1	-	.7	.4	.1
Under 50 miles	138	100.0	8.4	14.2	76.1	-	.1	.9	.3
50 to 99 miles	414	100.0	17.4	18.8	63.2	-	.1	.2	.3
100 to 199 miles	1,220	100.0	19.6	39.6	39.7	-	.7	.2	.2
200 to 299 miles	1,034	100.0	29.9	35.0	34.4	-	-	.6	.1
300 to 399 miles	934	100.0	38.6	41.3	19.5	-	-	.5	.1
400 to 499 miles	757	100.0	42.9	34.8	21.7	-	-	.2	.4
500 to 599 miles	970	100.0	41.8	47.5	10.6	-	-	-	.1
600 to 799 miles	2,193	100.0	41.9	45.8	11.9	-	-	.3	.1
800 to 999 miles	1,928	100.0	55.4	36.3	6.1	-	.6	1.2	.4
1,000 to 1,199 miles	1,917	100.0	61.5	33.8	4.6	-	-	.1	-
1,200 to 1,499 miles	2,043	100.0	48.7	43.4	7.4	-	.1	.4	-
1,500 to 1,999 miles	1,374	100.0	62.1	34.4	3.1	.1	.3	-	-
2,000 miles and over	618	100.0	64.6	16.2	5.9	-	13.3	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 01--Percent Distribution of Weight, by Means of Transport: 1967

Meat and Dairy Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	35,390	100.0	30.9	33.5	34.8	0.8
Under 1,000 pounds	2,073	100.0	.7	14.7	82.9	1.7
Under 50 pounds	81	100.0	.1	3.1	96.4	.4
50 to 99 pounds	146	100.0	.2	6.2	92.4	1.2
100 to 199 pounds	341	100.0	.5	9.3	89.2	1.0
200 to 499 pounds	737	100.0	.4	15.4	82.5	1.7
500 to 999 pounds	768	100.0	1.4	19.2	77.2	2.2
1,000 to 9,999 pounds	3,230	100.0	2.0	26.9	69.7	1.4
1,000 to 1,999 pounds	812	100.0	2.0	23.3	73.1	1.6
2,000 to 2,999 pounds	533	100.0	2.3	24.1	72.4	1.2
3,000 to 3,999 pounds	374	100.0	1.5	26.3	70.2	2.0
4,000 to 4,999 pounds	296	100.0	.2	27.6	70.8	1.4
5,000 to 9,999 pounds	1,215	100.0	2.6	30.7	65.2	1.5
10,000 to 29,999 pounds	6,563	100.0	3.1	42.5	53.9	.5
10,000 to 19,999 pounds	2,523	100.0	2.1	30.0	67.1	.8
20,000 to 29,999 pounds	4,040	100.0	3.7	50.4	45.5	.4
30,000 to 59,999 pounds	15,247	100.0	24.8	45.4	29.3	.5
30,000 to 39,999 pounds	9,116	100.0	26.1	42.4	31.1	.4
40,000 to 49,999 pounds	5,002	100.0	12.7	59.9	26.9	.5
50,000 to 59,999 pounds	1,129	100.0	68.3	6.3	25.2	.2
60,000 to 89,999 pounds	4,844	100.0	92.4	4.5	2.9	.2
60,000 to 69,999 pounds	1,211	100.0	92.3	4.2	2.8	.7
70,000 to 79,999 pounds	2,045	100.0	90.8	5.5	3.7	-
80,000 to 89,999 pounds	1,588	100.0	94.5	3.5	2.0	-
90,000 pounds and over	3,433	100.0	69.8	21.4	6.2	2.6
TON-MILES	(millions of ton-miles)					
Total	14,483	100.0	45.8	38.7	14.4	1.1
Under 1,000 pounds	235	100.0	4.6	33.8	56.0	5.6
Under 50 pounds	5	100.0	.7	6.9	89.2	3.2
50 to 99 pounds	10	100.0	1.5	11.5	83.2	3.8
100 to 199 pounds	29	100.0	3.9	18.9	73.7	3.5
200 to 499 pounds	83	100.0	2.9	33.4	56.7	7.0
500 to 999 pounds	108	100.0	6.6	41.3	46.8	5.3
1,000 to 9,999 pounds	684	100.0	7.7	49.2	40.3	2.8
1,000 to 1,999 pounds	136	100.0	9.2	44.3	43.3	3.2
2,000 to 2,999 pounds	108	100.0	9.0	53.0	35.7	2.3
3,000 to 3,999 pounds	70	100.0	6.4	43.7	45.6	4.3
4,000 to 4,999 pounds	73	100.0	.5	53.0	43.6	2.9
5,000 to 9,999 pounds	297	100.0	8.5	50.4	38.6	2.5
10,000 to 29,999 pounds	2,179	100.0	7.1	61.1	30.3	1.5
10,000 to 19,999 pounds	692	100.0	5.9	52.2	39.1	2.8
20,000 to 29,999 pounds	1,487	100.0	7.7	65.3	26.1	.9
30,000 to 59,999 pounds	7,087	100.0	39.6	47.1	13.0	.3
30,000 to 39,999 pounds	4,784	100.0	39.4	47.9	12.3	.4
40,000 to 49,999 pounds	1,894	100.0	30.0	53.8	15.9	.3
50,000 to 59,999 pounds	409	100.0	85.7	6.3	7.9	.1
60,000 to 89,999 pounds	2,450	100.0	92.3	6.1	1.5	.1
60,000 to 69,999 pounds	633	100.0	93.8	4.7	.9	.6
70,000 to 79,999 pounds	1,052	100.0	91.7	6.8	1.5	-
80,000 to 89,999 pounds	765	100.0	91.8	6.1	2.1	-
90,000 pounds and over	1,848	100.0	72.9	20.1	3.5	3.5

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 01--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Meat and Dairy Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	35,390	100.0	30.9	33.5	34.8	0.8
Under 200 miles	16,812	100.0	16.9	26.3	56.0	.8
Under 1,000 pounds	1,807	100.0	-	10.3	89.1	.6
1,000 to 9,999 pounds	2,327	100.0	.2	17.9	80.9	1.0
10,000 to 29,999 pounds	3,355	100.0	.6	25.0	74.2	.2
30,000 to 59,999 pounds	6,811	100.0	10.2	42.1	47.1	.6
60,000 to 89,999 pounds	1,577	100.0	92.5	2.7	4.8	-
90,000 pounds and over	935	100.0	71.0	8.2	13.8	7.0
200 to 399 miles	6,201	100.0	34.9	38.1	26.3	.7
Under 1,000 pounds	180	100.0	1.9	32.9	55.1	10.1
1,000 to 9,999 pounds	458	100.0	1.9	39.1	55.9	3.1
10,000 to 29,999 pounds	1,378	100.0	.8	53.7	45.1	.4
30,000 to 59,999 pounds	2,277	100.0	22.9	51.6	25.4	.1
60,000 to 89,999 pounds	1,172	100.0	92.7	4.5	2.8	-
90,000 pounds and over	736	100.0	72.5	21.7	5.8	-
400 to 599 miles	3,279	100.0	40.0	42.7	16.9	.4
Under 1,000 pounds	34	100.0	8.9	64.8	20.3	6.0
1,000 to 9,999 pounds	148	100.0	2.7	57.9	38.2	1.2
10,000 to 29,999 pounds	648	100.0	6.5	63.4	30.1	-
30,000 to 59,999 pounds	1,223	100.0	23.1	52.6	24.2	.1
60,000 to 89,999 pounds	613	100.0	94.9	3.8	-	1.3
90,000 pounds and over	613	100.0	64.8	34.9	.2	.1
600 to 999 miles	4,986	100.0	45.8	42.9	10.3	1.0
Under 1,000 pounds	35	100.0	20.4	70.5	6.9	2.2
1,000 to 9,999 pounds	195	100.0	20.6	57.4	18.7	3.3
10,000 to 29,999 pounds	729	100.0	9.4	64.9	23.6	2.1
30,000 to 59,999 pounds	2,510	100.0	41.2	48.5	9.8	.5
60,000 to 89,999 pounds	802	100.0	92.8	3.5	3.7	-
90,000 pounds and over	715	100.0	55.1	39.6	3.5	1.8
1,000 miles and over	4,112	100.0	56.9	37.0	5.4	.7
Under 1,000 pounds	17	100.0	7.6	73.9	2.5	16.0
1,000 to 9,999 pounds	103	100.0	7.9	74.8	14.1	3.2
10,000 to 29,999 pounds	452	100.0	13.5	73.2	11.2	2.1
30,000 to 59,999 pounds	2,426	100.0	51.7	42.4	5.8	.1
60,000 to 89,999 pounds	679	100.0	89.3	10.4	.2	.1
90,000 pounds and over	435	100.0	93.8	.4	3.2	2.6
TON-MILES	(millions of ton-miles)					
Total[1]	14,483	100.0	45.8	38.7	14.4	1.1
Under 200 miles	1,587	100.0	19.9	34.6	44.5	1.0
Under 1,000 pounds	118	100.0	.1	12.9	86.2	.8
1,000 to 9,999 pounds	176	100.0	.2	23.9	74.7	1.2
10,000 to 29,999 pounds	295	100.0	.8	32.3	66.8	.1
30,000 to 59,999 pounds	736	100.0	11.9	52.1	35.3	.7
60,000 to 89,999 pounds	172	100.0	93.3	2.5	4.2	-
90,000 pounds and over	90	100.0	72.2	10.5	9.5	7.8
200 to 399 miles	1,763	100.0	35.9	38.2	25.2	.7
Under 1,000 pounds	48	100.0	2.2	35.2	52.1	10.5
1,000 to 9,999 pounds	127	100.0	2.0	41.5	53.4	3.1
10,000 to 29,999 pounds	391	100.0	.7	54.1	44.7	.5
30,000 to 59,999 pounds	645	100.0	24.8	50.7	24.4	.1
60,000 to 89,999 pounds	339	100.0	92.2	4.7	3.1	-
90,000 pounds and over	213	100.0	72.3	23.7	4.0	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 01--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Meat and Dairy Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	1,630	100.0	40.1	43.4	16.2	0.3
Under 1,000 pounds	16	100.0	9.5	65.3	19.5	5.7
1,000 to 9,999 pounds	71	100.0	3.2	57.6	37.9	1.3
10,000 to 29,999 pounds	323	100.0	6.8	64.4	28.8	-
30,000 to 59,999 pounds	607	100.0	23.7	53.2	23.0	.1
60,000 to 89,999 pounds	302	100.0	95.0	3.9	-	1.1
90,000 pounds and over	311	100.0	63.6	36.1	.2	.1
600 to 999 miles	3,870	100.0	47.0	42.2	9.6	1.2
Under 1,000 pounds	28	100.0	21.2	70.2	6.6	2.0
1,000 to 9,999 pounds	158	100.0	20.9	57.1	18.4	3.6
10,000 to 29,999 pounds	553	100.0	9.3	64.7	23.5	2.5
30,000 to 59,999 pounds	1,995	100.0	43.0	47.5	8.8	.7
60,000 to 89,999 pounds	602	100.0	93.6	3.4	3.0	-
90,000 pounds and over	534	100.0	57.5	36.9	3.3	2.3
1,000 miles and over	5,633	100.0	57.0	36.2	5.4	1.4
Under 1,000 pounds	26	100.0	9.0	67.2	1.9	21.9
1,000 to 9,999 pounds	152	100.0	9.4	72.8	13.2	4.6
10,000 to 29,999 pounds	616	100.0	12.3	74.4	10.5	2.8
30,000 to 59,999 pounds	3,104	100.0	50.0	43.7	6.1	.2
60,000 to 89,999 pounds	1,036	100.0	90.4	9.3	.2	.1
90,000 pounds and over	699	100.0	89.1	.3	4.3	6.3

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 01--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Meat and Dairy Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	38,675	100.0	30.2	32.4	36.6	-	0.2	0.4	0.2
New England	1,178	100.0	6.1	24.8	65.3	-	-	3.8	-
Middle Atlantic	2,529	100.0	4.5	29.4	65.7	-	.3	-	.1
East North Central	11,878	100.0	28.0	37.4	34.4	-	.1	-	.1
West North Central	10,888	100.0	48.5	33.8	16.4	-	.1	.8	.4
South Atlantic	4,624	100.0	24.7	27.9	46.7	-	.5	-	.2
East South Central	2,171	100.0	32.8	27.4	39.8	-	-	-	-
West South Central	2,076	100.0	13.6	31.2	53.2	-	1.9	.1	-
Mountain	1,285	100.0	43.7	32.5	23.4	-	.1	.2	.1
Pacific[1]	2,046	100.0	8.5	20.5	70.0	-	.4	.6	-
TON-MILES	(millions of ton-miles)								
U.S. total	15,540	100.0	46.0	37.7	15.1	-	.7	.4	.1
New England	195	100.0	8.8	32.0	58.5	-	-	.7	-
Middle Atlantic	490	100.0	11.5	45.7	41.1	-	1.6	-	.1
East North Central	3,534	100.0	43.0	41.0	14.8	-	1.1	-	.1
West North Central	6,994	100.0	56.5	34.5	7.8	-	.3	.7	.2
South Atlantic	1,114	100.0	27.5	40.7	31.2	-	.4	-	.2
East South Central	586	100.0	38.0	39.9	22.0	-	-	.1	-
West South Central	954	100.0	16.8	54.6	26.5	-	2.1	-	-
Mountain	1,030	100.0	55.5	32.3	11.6	-	.5	-	.1
Pacific[1]	643	100.0	52.6	26.4	18.6	0.3	1.9	.2	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 01--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Meat and Dairy Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	38,675	38,675	2,438	6,332	11,552	3,402	5,566	2,332	2,734	571	3,748
Ton-miles.....millions..	15,540	15,540	1,604	3,480	2,531	762	2,149	710	1,146	335	2,823
TONS OF SHIPMENTS	(thousands of tons)	Percent distribution by division of destination									
U.S. total.....	38,675	100.0	6.3	16.4	29.8	8.8	14.4	6.0	7.1	1.5	9.7
Shipments from--											
New England.....	1,178	100.0	70.7	26.6	2.0	.1	.2	.2	.1	-	.1
Middle Atlantic.....	2,529	100.0	6.6	70.7	4.7	.4	16.5	.4	.3	-	.4
East North Central.....	11,878	100.0	4.7	12.0	66.4	4.5	3.7	4.2	1.3	.4	2.8
West North Central.....	10,888	100.0	6.8	15.5	25.0	22.5	8.7	3.4	9.2	1.6	7.3
South Atlantic.....	4,624	100.0	1.6	17.1	5.7	1.1	67.4	4.6	1.2	-	1.3
East South Central.....	2,171	100.0	.3	2.6	12.5	2.2	19.3	53.2	8.4	-	1.5
West South Central.....	2,076	100.0	.7	1.9	6.5	10.3	4.5	3.2	57.3	4.8	10.8
Mountain.....	1,285	100.0	1.0	13.0	9.6	4.2	6.2	.9	10.4	15.7	39.0
Pacific[2].....	2,046	100.0	1.4	2.9	1.0	2.1	2.3	.4	.4	2.5	87.0
TON-MILES	(millions of ton-miles)										
U.S. total.....	15,540	100.0	10.3	22.3	16.3	4.9	13.8	4.6	7.4	2.2	18.2
Shipments from--											
New England.....	195	100.0	55.0	30.7	9.5	.4	.6	1.5	.5	.2	1.6
Middle Atlantic.....	490	100.0	8.4	47.9	9.4	1.9	23.6	1.3	2.0	.4	5.1
East North Central.....	3,534	100.0	11.8	21.3	27.9	4.1	6.8	5.9	3.8	1.6	16.8
West North Central.....	6,994	100.0	12.7	24.4	14.3	5.1	13.4	3.3	8.9	1.7	16.2
South Atlantic.....	1,114	100.0	3.1	21.0	11.6	3.7	39.7	4.8	2.7	-	13.4
East South Central.....	586	100.0	.7	5.4	17.7	2.4	23.7	27.5	12.5	.1	10.0
West South Central.....	954	100.0	2.1	5.0	9.4	10.1	7.0	2.2	20.8	9.5	33.9
Mountain.....	1,030	100.0	2.1	26.1	11.5	3.2	9.9	1.2	6.5	3.9	35.6
Pacific[2].....	643	100.0	11.2	22.6	5.9	9.6	16.2	2.2	1.6	3.5	27.2

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 01--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Meat and Dairy Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	38,675	100.0	30.2	32.4	36.6	-	0.2	0.4	0.2
Middle Atlantic, total	2,529	100.0	4.5	29.4	65.7	-	.3	-	.1
Shipments to--									
New England	167	100.0	8.4	27.7	63.9	-	-	-	-
Middle Atlantic	1,785	100.0	3.4	20.9	75.2	-	.3	-	.2
East North Central	119	100.0	16.0	29.5	54.5	-	-	-	-
South Atlantic	418	100.0	1.2	64.5	34.1	-	.2	-	-
East North Central, total	11,878	100.0	28.0	37.4	34.4	-	.1	-	.1
Shipments to--									
New England	561	100.0	21.7	70.1	8.2	-	-	-	-
Middle Atlantic	1,425	100.0	32.7	48.2	19.0	-	-	-	.1
East North Central	7,878	100.0	19.4	36.5	44.1	-	-	-	-
West North Central	531	100.0	60.6	20.9	17.0	-	-	-	1.5
South Atlantic	444	100.0	41.9	42.0	16.1	-	-	-	-
East South Central	500	100.0	62.9	13.3	23.8	-	-	-	-
West South Central	154	100.0	69.6	22.2	8.2	-	-	-	-
Pacific	338	100.0	74.5	22.5	.3	-	2.7	-	-
West North Central, total	10,888	100.0	48.5	33.8	16.4	-	.1	.8	.4
Shipments to--									
New England	743	100.0	61.1	34.8	3.9	-	-	.2	-
Middle Atlantic	1,692	100.0	68.6	27.9	1.8	-	-	1.4	.3
East North Central	2,717	100.0	45.7	35.5	17.6	-	-	1.2	-
West North Central	2,448	100.0	28.8	32.3	37.3	-	-	.5	1.1
South Atlantic	951	100.0	51.6	38.3	9.0	-	-	.6	.5
East South Central	366	100.0	52.4	41.5	6.0	-	-	-	.1
West South Central	1,005	100.0	57.4	27.8	14.6	-	-	-	.2
Pacific	798	100.0	52.2	37.5	8.8	-	.7	.8	-
South Atlantic, total	4,624	100.0	24.7	27.9	46.7	-	.5	-	.2
Shipments to--									
Middle Atlantic	793	100.0	2.6	37.6	59.7	-	-	-	.1
East North Central	263	100.0	.9	61.6	37.5	-	-	-	-
South Atlantic	3,112	100.0	31.9	19.9	47.2	-	.7	-	.3
East South Central, total	2,171	100.0	32.8	27.4	39.8	-	-	-	-
Shipments to--									
East North Central	271	100.0	22.0	60.8	17.2	-	-	-	-
South Atlantic	418	100.0	53.5	24.5	21.9	-	-	.1	-
East South Central	1,155	100.0	28.0	16.7	55.3	-	-	-	-
West South Central, total	2,076	100.0	13.6	31.2	53.2	-	1.9	.1	-
Shipments to--									
West North Central	215	100.0	28.3	41.1	30.6	-	-	-	-
West South Central	1,187	100.0	6.3	13.4	78.0	-	2.1	.2	-
Pacific	224	100.0	4.6	80.9	14.2	-	.3	-	-
Pacific, total	2,046	100.0	8.5	20.5	70.0	-	.4	.6	-
Shipments to--									
Mountain	51	100.0	-	52.3	47.7	-	-	-	-
Pacific	1,781	100.0	1.2	19.5	78.0	0.1	.5	.7	-
TON-MILES	(millions of ton-miles)								
U.S. total	15,540	100.0	46.0	37.7	15.1	-	.7	.4	.1
Middle Atlantic, total	490	100.0	11.5	45.7	41.1	-	1.6	-	.1
Shipments to--									
New England	41	100.0	9.2	28.8	62.0	-	-	-	-
Middle Atlantic	234	100.0	6.0	32.9	60.9	-	.1	-	.1
East North Central	46	100.0	29.8	38.4	31.8	-	-	-	-
South Atlantic	116	100.0	1.4	83.0	15.1	-	.5	-	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 01--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Meat and Dairy Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	3,534	100.0	43.0	41.0	14.8	-	1.1	-	0.1
Shipments to--									
New England	416	100.0	24.0	67.9	8.1	-	-	-	-
Middle Atlantic	752	100.0	38.9	45.7	15.3	-	-	-	.1
East North Central	984	100.0	22.4	47.2	30.4	-	-	-	-
West North Central	147	100.0	64.6	22.0	11.2	-	-	-	2.2
South Atlantic	242	100.0	42.4	47.7	9.9	-	-	-	-
East South Central	210	100.0	75.3	14.5	10.2	-	-	-	-
West South Central	135	100.0	70.5	23.4	6.1	-	-	-	-
Pacific	592	100.0	70.8	22.5	.3	-	6.4	-	-
West North Central, total	6,994	100.0	56.5	34.5	7.8	-	.3	0.7	.2
Shipments to--									
New England	887	100.0	62.1	34.2	3.6	-	-	.1	-
Middle Atlantic	1,706	100.0	69.0	27.8	1.7	-	-	1.2	.3
East North Central	1,002	100.0	49.0	38.2	11.9	-	-	.9	-
West North Central	359	100.0	38.8	31.5	28.5	-	-	.9	.3
South Atlantic	937	100.0	48.7	41.4	8.9	-	-	.6	.4
East South Central	229	100.0	53.2	41.8	4.9	-	-	-	.1
West South Central	621	100.0	61.9	27.1	10.8	-	-	-	.2
Pacific	1,131	100.0	51.6	36.9	8.8	-	1.9	.8	-
South Atlantic, total	1,114	100.0	27.5	40.7	31.2	-	.4	-	.2
Shipments to--									
Middle Atlantic	234	100.0	5.0	52.9	42.1	-	-	-	-
East North Central	129	100.0	1.0	64.3	34.7	-	-	-	-
South Atlantic	442	100.0	35.2	30.4	33.1	-	.9	-	.4
East South Central, total	586	100.0	38.0	39.9	22.0	-	-	.1	-
Shipments to--									
East North Central	104	100.0	14.4	75.3	10.3	-	-	-	-
South Atlantic	139	100.0	56.0	20.7	23.2	-	-	.1	-
East South Central	161	100.0	38.9	20.6	40.5	-	-	-	-
West South Central, total	954	100.0	16.8	54.6	26.5	-	2.1	-	-
Shipments to--									
West North Central	96	100.0	47.4	32.3	20.3	-	-	-	-
West South Central	199	100.0	10.1	17.3	70.5	-	2.1	-	-
Pacific	324	100.0	4.3	80.5	14.4	-	.8	-	-
Pacific, total	643	100.0	52.6	26.4	18.6	0.3	1.9	.2	-
Shipments to--									
Mountain	22	100.0	-	57.5	42.5	-	-	-	-
Pacific	175	100.0	5.5	42.3	43.5	1.2	6.8	.7	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 01--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Meat and Dairy Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	38,675	13,992	17,744	6,939	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	15,540	3,701	8,330	3,509
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	30.2	28.0	31.0	32.5	46.0	47.6	44.7	47.2
Motor carrier.....	32.4	26.1	36.8	34.0	37.7	28.8	41.9	37.2
Private truck.....	36.6	45.2	31.8	31.6	15.1	22.9	12.5	13.2
Air.....	-	-	-	-	-	-	-	-
Water.....	.2	.3	.2	.1	.7	.7	.8	.6
Other.....	.4	.3	.1	1.3	.4	-	-	1.5
Unknown.....	.2	.1	.1	.5	.1	-	.1	.3
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	27.0	34.2	24.2	19.3	3.6	6.5	2.9	2.0
100 to 199 miles.....	21.0	30.0	16.4	14.8	7.8	17.5	5.1	4.2
200 to 299 miles.....	10.9	12.8	9.2	11.5	6.7	11.7	4.8	5.8
300 to 399 miles.....	7.1	6.0	7.9	7.0	6.0	7.8	5.8	4.7
400 to 499 miles.....	4.4	3.8	5.1	4.2	4.9	6.3	4.8	3.6
500 to 999 miles.....	18.3	8.7	22.3	27.6	32.8	22.9	33.6	41.1
1,000 miles and over.....	11.3	4.5	14.9	15.6	38.2	27.3	43.0	38.6

Table 8. SHIPPER GROUP 01--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Meat and Dairy Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	53.2	45.9	65.6	83.2
Highway facilities.....	77.8	77.7	77.5	83.2
Rail and highway facilities.....	39.9	34.5	47.9	71.3
Air facilities.....	70.0	67.2	74.4	83.9
Rail, highway, and air facilities.....	27.3	19.8	39.1	66.1
Water facilities.....	22.1	22.3	21.0	29.7
Rail, highway, air, and water facilities.	10.2	9.2	10.9	25.4

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 19.4 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 011--Percent Distribution of Distance, by Means of Transport: 1967

Meat; Fresh, Chilled, or Frozen

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	16,641	100.0	28.7	32.7	37.6	-	0.1	0.6	0.3
Under 50 miles	1,991	100.0	2.2	9.2	87.5	-	-	.2	.9
50 to 99 miles	1,860	100.0	4.9	17.3	76.8	-	-	.3	.7
100 to 199 miles	2,576	100.0	11.0	27.2	61.4	-	.1	.2	.1
200 to 299 miles	1,446	100.0	20.2	33.7	44.4	-	-	1.6	.1
300 to 399 miles	1,202	100.0	39.5	43.7	15.8	-	-	1.0	-
400 to 499 miles	684	100.0	26.8	48.7	24.0	-	-	.5	-
500 to 599 miles	933	100.0	38.8	52.3	8.8	-	-	-	.1
600 to 799 miles	1,707	100.0	33.1	52.5	13.9	-	-	.4	.1
800 to 999 miles	1,456	100.0	54.8	36.8	6.1	-	-	1.7	.6
1,000 to 1,199 miles	1,331	100.0	67.0	29.6	3.3	-	-	.1	-
1,200 to 1,499 miles	1,089	100.0	49.6	42.7	7.1	-	-	.6	-
1,500 miles and over	366	100.0	66.3	30.2	1.4	-	2.1	-	-
TON-MILES	(millions of ton-miles)								
Total	8,218	100.0	46.3	38.9	13.7	-	.3	.6	.2
Under 50 miles	56	100.0	2.2	10.2	86.8	-	-	.1	.7
50 to 99 miles	130	100.0	5.6	18.8	74.6	-	-	.3	.7
100 to 199 miles	395	100.0	11.1	27.3	61.3	-	.1	.2	-
200 to 299 miles	363	100.0	20.9	33.5	43.9	-	-	1.6	.1
300 to 399 miles	405	100.0	39.6	43.6	15.8	-	-	1.0	-
400 to 499 miles	306	100.0	26.8	48.6	24.1	-	-	.5	-
500 to 599 miles	507	100.0	39.3	51.9	8.7	-	-	-	.1
600 to 799 miles	1,191	100.0	33.5	52.5	13.3	-	-	.5	.2
800 to 999 miles	1,323	100.0	55.5	36.3	5.8	-	-	1.8	.6
1,000 to 1,199 miles	1,469	100.0	66.6	30.0	3.3	-	-	.1	-
1,200 to 1,499 miles	1,454	100.0	49.3	42.8	7.3	-	-	.6	-
1,500 miles and over	619	100.0	65.0	29.1	1.4	-	4.5	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 011--Percent Distribution of Weight, by Means of Transport: 1967

Meat; Fresh, Chilled, or Frozen

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	14,802	100.0	29.7	33.8	35.8	0.7
Under 1,000 pounds	1,474	100.0	1.0	9.1	87.8	2.1
Under 50 pounds	55	100.0	.1	3.7	95.9	.3
50 to 99 pounds	92	100.0	.3	7.0	91.0	1.7
100 to 199 pounds	254	100.0	.7	7.8	90.2	1.3
200 to 499 pounds	535	100.0	.5	10.2	87.1	2.2
500 to 999 pounds	538	100.0	1.7	9.6	86.0	2.7
1,000 to 9,999 pounds	1,743	100.0	3.1	15.8	78.9	2.2
1,000 to 1,999 pounds	505	100.0	2.8	13.5	81.4	2.3
2,000 to 2,999 pounds	321	100.0	3.3	12.3	82.4	2.0
3,000 to 3,999 pounds	209	100.0	1.8	12.0	85.0	1.2
4,000 to 4,999 pounds	143	100.0	-	17.8	79.8	2.4
5,000 to 9,999 pounds	565	100.0	4.7	20.7	72.2	2.4
10,000 to 29,999 pounds	2,176	100.0	7.1	41.0	50.7	1.2
10,000 19,999 pounds	897	100.0	4.6	23.0	70.8	1.6
20,000 to 29,999 pounds	1,279	100.0	8.8	53.6	36.6	1.0
30,000 to 59,999 pounds	7,041	100.0	35.8	44.0	20.0	.2
30,000 to 39,999 pounds	5,089	100.0	35.1	46.3	18.2	.4
40,000 to 49,999 pounds	1,517	100.0	30.3	48.2	21.4	.1
50,000 to 59,999 pounds	435	100.0	63.0	1.1	35.9	-
60,000 to 89,999 pounds	1,100	100.0	83.7	11.4	4.9	-
60,000 to 69,999 pounds	508	100.0	97.5	2.5	-	-
70,000 to 79,999 pounds	400	100.0	72.1	20.6	7.3	-
80,000 to 89,999 pounds	192	100.0	71.4	15.6	13.0	-
90,000 pounds and over	1,268	100.0	57.6	37.9	4.5	-
TON-MILES	(millions of ton-miles)					
Total	7,566	100.0	46.6	39.5	13.0	.9
Under 1,000 pounds	149	100.0	5.9	17.2	71.2	5.7
Under 50 pounds	3	100.0	.7	6.9	90.7	1.7
50 to 99 pounds	7	100.0	2.0	9.3	84.8	3.9
100 to 199 pounds	22	100.0	5.2	10.5	80.4	3.9
200 to 499 pounds	55	100.0	4.2	17.1	70.9	7.8
500 to 999 pounds	62	100.0	8.2	21.0	65.6	5.2
1,000 to 9,999 pounds	322	100.0	12.1	36.4	47.2	4.3
1,000 to 1,999 pounds	74	100.0	10.9	29.7	55.6	3.8
2,000 to 2,999 pounds	59	100.0	14.4	39.5	43.0	3.1
3,000 to 3,999 pounds	26	100.0	.8	31.0	64.5	3.7
4,000 to 4,999 pounds	34	100.0	-	41.2	53.8	5.0
5,000 to 9,999 pounds	129	100.0	17.3	38.7	38.7	5.3
10,000 to 29,999 pounds	783	100.0	15.5	53.2	28.0	3.3
10,000 19,999 pounds	272	100.0	11.6	39.6	43.8	5.0
20,000 to 29,999 pounds	511	100.0	17.5	60.5	19.6	2.4
30,000 to 59,999 pounds	4,855	100.0	48.1	41.9	9.6	.4
30,000 to 39,999 pounds	3,625	100.0	46.9	44.1	8.5	.5
40,000 to 49,999 pounds	1,040	100.0	44.3	41.9	13.6	.2
50,000 to 59,999 pounds	190	100.0	90.4	.6	9.0	-
60,000 to 89,999 pounds	713	100.0	82.5	13.8	3.7	-
60,000 to 69,999 pounds	239	100.0	97.6	2.4	-	-
70,000 to 79,999 pounds	294	100.0	76.6	19.6	3.8	-
80,000 to 89,999 pounds	180	100.0	72.0	19.4	8.6	-
90,000 pounds and over	744	100.0	58.4	39.7	1.9	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 011--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Meat; Fresh, Chilled, or Frozen

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	14,802	100.0	29.7	33.8	35.8	0.7
Under 200 miles	5,406	100.0	7.1	20.8	71.4	.7
Under 1,000 pounds	1,299	100.0	-	7.1	92.2	.7
1,000 to 9,999 pounds	1,289	100.0	.4	8.1	90.4	1.1
10,000 to 29,999 pounds	1,058	100.0	1.0	26.4	72.6	-
30,000 to 59,999 pounds	1,440	100.0	6.5	44.5	48.5	.5
60,000 to 89,999 pounds	141	100.0	94.2	5.8	-	-
90,000 pounds and over	179	100.0	77.3	.8	21.9	-
200 to 399 miles	2,270	100.0	31.1	34.9	32.3	1.7
Under 1,000 pounds	140	100.0	2.4	19.8	64.9	12.9
1,000 to 9,999 pounds	241	100.0	2.0	24.1	68.0	5.9
10,000 to 29,999 pounds	418	100.0	1.2	50.8	46.8	1.2
30,000 to 59,999 pounds	970	100.0	25.5	47.9	26.6	-
60,000 to 89,999 pounds	333	100.0	85.7	6.9	7.4	-
90,000 pounds and over	168	100.0	95.5	4.5	-	-
400 to 599 miles	1,531	100.0	32.0	51.8	15.8	.4
Under 1,000 pounds	17	100.0	18.2	35.9	34.8	11.1
1,000 to 9,999 pounds	72	100.0	5.5	56.8	35.2	2.5
10,000 to 29,999 pounds	215	100.0	15.8	67.0	17.2	-
30,000 to 59,999 pounds	718	100.0	21.1	54.5	24.3	.1
60,000 to 89,999 pounds	130	100.0	87.2	12.7	-	.1
90,000 pounds and over	379	100.0	48.3	51.6	-	.1
600 to 999 miles	2,966	100.0	41.9	46.0	10.9	1.2
Under 1,000 pounds	15	100.0	42.9	47.4	5.0	4.7
1,000 to 9,999 pounds	108	100.0	34.8	46.3	13.9	5.0
10,000 to 29,999 pounds	321	100.0	15.6	52.0	27.6	4.8
30,000 to 59,999 pounds	1,862	100.0	45.0	45.1	9.2	.7
60,000 to 89,999 pounds	258	100.0	78.9	9.7	11.4	-
90,000 pounds and over	402	100.0	27.0	68.4	4.6	-
1,000 miles and over	2,629	100.0	59.8	35.0	4.8	.4
Under 1,000 pounds	3	100.0	18.1	59.6	1.8	20.5
1,000 to 9,999 pounds	32	100.0	10.8	66.7	17.3	5.2
10,000 to 29,999 pounds	163	100.0	32.8	54.6	8.5	4.1
30,000 to 59,999 pounds	2,051	100.0	58.0	36.8	5.2	-
60,000 to 89,999 pounds	239	100.0	78.0	22.0	-	-
90,000 pounds and over	141	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	7,566	100.0	46.6	39.5	13.0	.9
Under 200 miles	450	100.0	10.6	27.5	61.3	.6
Under 1,000 pounds	87	100.0	.1	7.3	91.7	.9
1,000 to 9,999 pounds	89	100.0	.3	10.5	87.9	1.3
10,000 to 29,999 pounds	94	100.0	1.6	33.9	64.5	-
30,000 to 59,999 pounds	141	100.0	8.3	52.8	38.4	.5
60,000 to 89,999 pounds	20	100.0	93.4	6.6	-	-
90,000 pounds and over	19	100.0	83.7	1.3	15.0	-
200 to 399 miles	659	100.0	33.2	35.2	30.0	1.6
Under 1,000 pounds	36	100.0	2.8	21.7	61.9	13.6
1,000 to 9,999 pounds	65	100.0	2.3	27.6	64.1	6.0
10,000 to 29,999 pounds	119	100.0	1.2	52.0	45.4	1.4
30,000 to 59,999 pounds	284	100.0	26.8	48.1	25.1	-
60,000 to 89,999 pounds	105	100.0	86.1	5.9	8.0	-
90,000 pounds and over	50	100.0	96.7	3.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 011--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Meat; Fresh, Chilled, or Frozen

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	768	100.0	32.8	51.9	15.0	0.3
Under 1,000 pounds	8	100.0	19.6	36.0	33.6	10.8
1,000 to 9,999 pounds	34	100.0	6.6	55.7	35.3	2.4
10,000 to 29,999 pounds	106	100.0	16.7	65.9	17.4	-
30,000 to 59,999 pounds	357	100.0	21.9	54.8	23.1	.2
60,000 to 89,999 pounds	64	100.0	86.5	13.4	-	.1
90,000 pounds and over	199	100.0	48.5	51.4	-	.1
600 to 999 miles	2,355	100.0	44.0	44.8	9.9	1.3
Under 1,000 pounds	12	100.0	43.4	47.7	4.7	4.2
1,000 to 9,999 pounds	91	100.0	34.4	46.8	13.4	5.4
10,000 to 29,999 pounds	257	100.0	15.1	53.0	26.6	5.3
30,000 to 59,999 pounds	1,505	100.0	47.3	43.8	8.1	.8
60,000 to 89,999 pounds	202	100.0	82.1	8.8	9.1	-
90,000 pounds and over	288	100.0	29.6	66.5	3.9	-
1,000 miles and over	3,334	100.0	59.0	35.5	4.9	.6
Under 1,000 pounds	4	100.0	13.3	53.0	1.3	32.4
1,000 to 9,999 pounds	43	100.0	8.9	66.0	17.6	7.5
10,000 to 29,999 pounds	208	100.0	29.8	56.5	8.6	5.1
30,000 to 59,999 pounds	2,567	100.0	56.7	37.8	5.4	.1
60,000 to 89,999 pounds	323	100.0	80.0	20.0	-	-
90,000 pounds and over	189	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 011---Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Meat; Fresh, Chilled, or Frozen

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	16,641	100.0	28.7	32.7	37.6	-	0.1	0.6	0.3
New England[1]	397	-	-	-	-	-	-	-	-
Middle Atlantic	667	100.0	2.5	45.2	51.7	-	-	-	.6
East North Central	3,419	100.0	12.9	44.0	43.1	-	-	-	-
West North Central	7,711	100.0	48.1	37.4	12.8	-	.1	1.1	.5
South Atlantic	1,132	100.0	7.9	19.1	72.7	-	.3	-	-
East South Central	656	100.0	1.1	4.6	94.2	-	-	.1	-
West South Central	676	100.0	5.1	14.8	80.1	-	-	-	-
Mountain	985	100.0	45.0	34.7	19.7	-	.2	.3	.1
Pacific[2]	998	100.0	2.1	5.9	91.2	-	.1	.7	-
TON-MILES	(millions of ton-miles)								
U.S. total	8,218	100.0	46.3	38.9	13.7	-	.3	.6	.2
New England[1]	81	-	-	-	-	-	-	-	-
Middle Atlantic	138	100.0	7.4	70.6	21.8	-	-	-	.2
East North Central	1,205	100.0	20.1	59.6	20.3	-	-	-	-
West North Central	5,327	100.0	55.8	36.2	6.4	-	.4	1.0	.2
South Atlantic	193	100.0	9.9	34.6	55.1	-	.3	.1	-
East South Central	116	100.0	2.7	6.1	90.9	-	-	.3	-
West South Central	196	100.0	16.7	35.9	47.4	-	-	-	-
Mountain	841	100.0	57.5	33.4	8.4	-	.6	-	.1
Pacific[2]	121	100.0	28.5	23.1	47.0	-	1.1	.3	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 011--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Meat; Fresh, Chilled, or Frozen

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	16,641	16,641	1,528	2,990	3,745	1,523	2,172	855	1,556	316	1,956
Ton-miles.....millions..	8,218	8,218	1,254	2,140	1,060	243	1,153	272	658	139	1,299
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	16,641	100.0	9.2	18.0	22.4	9.2	13.1	5.1	9.3	1.9	11.8
Shipments from--											
New England[2].....	397	-	-	-	-	-	-	-	-	-	-
Middle Atlantic.....	667	100.0	4.0	71.9	2.6	.4	21.1	-	-	-	-
East North Central.....	3,419	100.0	13.6	24.1	47.5	2.9	6.4	2.9	1.1	.3	1.2
West North Central.....	7,711	100.0	8.7	16.7	24.9	17.5	9.3	3.0	9.8	1.8	8.3
South Atlantic.....	1,132	100.0	.4	13.2	.2	1.0	80.0	5.0	-	-	.2
East South Central.....	656	100.0	-	1.0	5.8	2.8	13.3	68.9	8.1	.1	-
West South Central.....	676	100.0	1.0	2.7	4.1	.7	3.8	.6	84.6	.7	1.8
Mountain.....	985	100.0	1.2	17.0	11.0	3.5	8.0	1.0	13.3	15.1	29.9
Pacific[3].....	998	100.0	-	-	1.3	-	.1	.2	.4	1.1	96.9
TON-MILES	(millions)										
U.S. total.....	8,218	100.0	15.3	26.0	12.9	3.0	14.0	3.3	8.0	1.7	15.8
Shipments from--											
New England[2].....	81	-	-	-	-	-	-	-	-	-	-
Middle Atlantic.....	138	100.0	3.2	52.3	8.1	1.2	35.2	-	-	-	-
East North Central.....	1,205	100.0	28.4	33.2	15.2	1.2	10.0	3.1	2.4	.9	5.6
West North Central.....	5,327	100.0	15.1	24.6	13.1	3.6	13.4	2.8	8.6	1.8	17.0
South Atlantic.....	193	100.0	2.4	25.7	.8	5.7	53.1	9.4	-	-	2.9
East South Central.....	116	100.0	.2	4.3	8.8	2.2	29.0	44.5	10.5	.5	-
West South Central.....	196	100.0	5.4	12.2	12.3	1.3	14.5	.8	44.6	.6	8.3
Mountain.....	841	100.0	2.6	31.9	12.6	2.5	12.1	1.2	7.8	3.1	26.2
Pacific[3].....	121	100.0	-	-	20.0	.3	1.1	2.9	4.5	1.6	69.6

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 011--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Meat; Fresh, Chilled, or Frozen

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	16,641	100.0	28.7	32.7	37.6	-	0.1	0.6	0.3
East North Central, total	3,419	100.0	12.9	44.0	43.1	-	-	-	-
Shipments to--									
Middle Atlantic	823	100.0	10.7	61.7	27.6	-	-	-	-
East North Central	1,625	100.0	9.0	24.6	66.3	-	-	-	.1
South Atlantic	219	100.0	20.7	56.9	22.4	-	-	-	-
West North Central, total	7,711	100.0	48.1	37.4	12.8	-	.1	1.1	.5
Shipments to--									
New England	671	100.0	63.2	33.1	3.5	-	-	.2	-
Middle Atlantic	1,289	100.0	73.8	22.6	1.4	-	-	1.8	.4
East North Central	1,914	100.0	45.2	41.3	11.7	-	-	1.8	-
West North Central	1,352	100.0	21.7	40.3	35.3	-	-	.8	1.9
South Atlantic	715	100.0	50.2	39.8	8.5	-	-	.8	.7
West South Central	757	100.0	52.6	33.3	13.8	-	-	-	.3
TON-MILES	(millions of ton-miles)								
U.S. total	8,218	100.0	46.3	38.9	13.7	-	.3	.6	.2
East North Central, total	1,205	100.0	20.1	59.6	20.3	-	-	-	-
Shipments to--									
Middle Atlantic	400	100.0	15.0	62.0	23.0	-	-	-	-
East North Central	184	100.0	15.0	33.0	52.0	-	-	-	-
South Atlantic	121	100.0	23.2	62.3	14.5	-	-	-	-
West North Central, total	5,327	100.0	55.8	36.2	6.4	-	.4	1.0	.2
Shipments to--									
New England	803	100.0	64.1	32.6	3.2	-	-	.1	-
Middle Atlantic	1,307	100.0	74.0	22.7	1.3	-	-	1.6	.4
East North Central	699	100.0	47.6	43.9	7.2	-	-	1.3	-
West North Central	189	100.0	33.3	38.8	25.6	-	-	1.7	.6
South Atlantic	716	100.0	47.6	42.6	8.5	-	-	.7	.6
West South Central	459	100.0	57.7	32.6	9.5	-	-	-	.2

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 011--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Meat; Fresh, Chilled, or Frozen

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	16,641	2,621	7,561	6,459	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	8,218	469	4,379	3,370
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	28.7	2.3	32.8	34.6	46.3	6.3	48.9	48.6
Motor carrier.....	32.7	18.8	36.5	33.8	38.9	30.4	41.0	37.3
Private truck.....	37.6	78.7	30.5	29.6	13.7	63.2	9.9	11.7
Air.....	-	-	-	-	-	-	-	-
Water.....	.1	-	.1	.1	.3	-	.2	.6
Other.....	.6	-	.1	1.3	.6	-	-	1.5
Unknown.....	.3	.2	-	.6	.2	.1	-	.3
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	23.1	47.8	18.7	18.5	2.3	9.9	1.7	1.9
100 to 199 miles.....	15.5	25.1	13.2	14.3	4.8	24.6	3.4	3.9
200 to 299 miles.....	8.7	7.3	6.5	11.8	4.4	10.2	2.8	5.8
300 to 399 miles.....	7.2	6.3	7.9	6.8	4.9	11.2	4.7	4.4
400 to 499 miles.....	4.1	5.1	3.9	3.9	3.7	13.0	3.0	3.3
500 to 999 miles.....	24.7	8.1	27.1	28.3	36.8	28.0	34.2	41.3
1,000 miles and over.....	16.7	.3	22.7	16.4	43.1	3.1	50.2	39.4

Table 8. SHIPPER CLASS 011--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Meat; Fresh, Chilled, or Frozen

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	51.8	31.8	69.1	93.8
Highway facilities	79.0	81.8	73.8	86.2
Rail and highway facilities	37.5	22.7	47.3	82.5
Air facilities	80.6	81.8	76.9	90.9
Rail, highway, and air facilities	34.9	22.7	42.1	75.8
Water facilities	37.0	45.5	25.7	37.8
Rail, highway, air, and water facilities	18.2	18.2	15.1	32.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 26.3 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 012---Percent Distribution of Distance, by Means of Transport: 1967

Meat Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	10,579	100.0	26.7	34.3	37.6	-	0.8	0.5	0.1
Under 50 miles	1,242	100.0	2.8	16.9	76.5	-	.4	3.4	-
50 to 99 miles	1,765	100.0	13.6	22.2	63.3	-	.4	.3	.2
100 to 199 miles	1,850	100.0	16.9	31.6	49.1	-	2.2	.2	-
200 to 299 miles	1,206	100.0	32.6	39.3	28.0	-	-	-	.1
300 to 399 miles	1,032	100.0	29.3	46.0	24.5	-	-	-	.2
400 to 499 miles	640	100.0	54.0	25.9	20.1	-	-	-	-
500 to 599 miles	502	100.0	29.7	58.5	11.8	-	-	-	-
600 to 799 miles	829	100.0	44.3	43.2	12.4	-	.1	-	-
800 to 999 miles	431	100.0	46.4	40.6	9.9	-	3.1	-	-
1,000 to 1,199 miles	287	100.0	31.5	56.4	12.1	-	-	-	-
1,200 to 1,499 miles	318	100.0	39.8	51.1	8.8	-	.3	-	-
1,500 miles and over	477	100.0	55.8	35.9	4.5	0.2	3.6	-	-
TON-MILES	(millions of ton-miles)								
Total	4,272	100.0	40.5	40.8	16.7	-	1.9	.1	-
Under 50 miles	36	100.0	2.8	16.7	76.7	-	.3	3.5	-
50 to 99 miles	128	100.0	13.2	23.5	62.4	-	.4	.3	.2
100 to 199 miles	273	100.0	17.2	32.6	47.3	-	2.7	.2	-
200 to 299 miles	299	100.0	33.1	39.2	27.6	-	-	-	.1
300 to 399 miles	355	100.0	30.0	45.7	24.1	-	-	-	.2
400 to 499 miles	285	100.0	53.9	26.1	20.0	-	-	-	-
500 to 599 miles	276	100.0	29.9	58.7	11.4	-	-	-	-
600 to 799 miles	566	100.0	43.8	43.4	12.6	-	.1	.1	-
800 to 999 miles	384	100.0	46.4	40.4	10.0	-	3.2	-	-
1,000 to 1,199 miles	313	100.0	31.0	57.2	11.8	-	-	-	-
1,200 to 1,499 miles	425	100.0	39.9	51.2	8.7	-	.2	-	-
1,500 miles and over	932	100.0	57.0	32.6	3.9	.2	6.3	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 012--Percent Distribution of Weight, by Means of Transport: 1967

Meat Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	9,843	100.0	25.4	35.1	38.0	1.5
Under 1,000 pounds	448	100.0	.3	32.5	66.2	1.0
Under 50 pounds	18	100.0	.1	2.6	96.9	.4
50 to 99 pounds	36	100.0	-	6.7	93.0	.3
100 to 199 pounds	67	100.0	-	16.4	83.2	.4
200 to 499 pounds	157	100.0	.1	33.4	65.9	.6
500 to 999 pounds	170	100.0	.7	46.5	51.2	1.6
1,000 to 9,999 pounds	1,024	100.0	.6	40.9	57.5	1.0
1,000 to 1,999 pounds	203	100.0	.9	46.4	51.9	.8
2,000 to 2,999 pounds	136	100.0	1.0	43.9	54.9	.2
3,000 to 3,999 pounds	123	100.0	1.4	42.1	52.5	4.0
4,000 to 4,999 pounds	112	100.0	.3	35.4	63.7	.6
5,000 to 9,999 pounds	450	100.0	.2	38.7	60.4	.7
10,000 to 29,999 pounds	2,786	100.0	.4	47.5	51.8	.3
10,000 to 19,999 pounds	938	100.0	.4	37.8	61.2	.6
20,000 to 29,999 pounds	1,848	100.0	.5	52.4	46.9	.2
30,000 to 59,999 pounds	2,987	100.0	13.4	43.0	42.6	1.0
30,000 to 39,999 pounds	1,684	100.0	6.1	51.8	41.0	1.1
40,000 to 49,999 pounds	934	100.0	4.7	40.8	53.5	1.0
50,000 to 59,999 pounds	369	100.0	68.9	8.0	22.6	.5
60,000 to 89,999 pounds	997	100.0	87.5	7.2	5.2	.1
60,000 to 69,999 pounds	323	100.0	89.0	6.7	4.1	.2
70,000 to 79,999 pounds	419	100.0	86.2	6.1	7.7	-
80,000 to 89,999 pounds	255	100.0	87.8	9.9	2.3	-
90,000 pounds and over	1,601	100.0	75.2	12.8	6.3	5.7
TON-MILES	(millions of ton-miles)					
Total	3,972	100.0	37.9	42.8	17.1	2.2
Under 1,000 pounds	70	100.0	3.0	63.8	27.0	6.2
Uner 50 pounds	1	100.0	.7	9.8	84.8	4.7
50 to 99 pounds	2	100.0	.2	20.2	76.6	3.0
100 to 199 pounds	6	100.0	.3	45.8	50.7	3.2
200 to 499 pounds	24	100.0	.4	66.1	26.8	6.7
500 to 999 pounds	37	100.0	5.3	69.2	18.8	6.7
1,000 to 9,999 pounds	275	100.0	4.1	61.4	32.7	1.8
1,000 to 1,999 pounds	45	100.0	9.3	65.8	22.0	2.9
2,000 to 2,999 pounds	35	100.0	3.3	70.1	24.6	2.0
3,000 to 3,999 pounds	36	100.0	11.6	49.6	32.9	5.9
4,000 to 4,999 pounds	32	100.0	.9	62.6	35.1	1.4
5,000 to 9,999 pounds	127	100.0	1.1	60.4	38.1	.4
10,000 to 29,999 pounds	1,097	100.0	1.3	67.2	30.9	.6
10,000 to 19,999 pounds	298	100.0	1.2	61.7	35.2	1.9
20,000 to 29,999 pounds	799	100.0	1.3	69.3	29.3	.1
30,000 to 59,999 pounds	1,087	100.0	20.5	60.0	19.0	.5
30,000 to 39,999 pounds	722	100.0	10.0	70.8	18.6	.6
40,000 to 49,999 pounds	230	100.0	14.5	57.2	27.5	.8
50,000 to 59,999 pounds	135	100.0	86.6	6.6	6.5	.3
60,000 to 89,999 pounds	647	100.0	93.7	4.9	1.3	.1
60,000 to 69,999 pounds	244	100.0	92.3	5.9	1.5	.3
70,000 to 79,999 pounds	281	100.0	96.7	1.9	1.4	-
80,000 to 89,999 pounds	122	100.0	89.6	9.9	.5	-
90,000 pounds and over	796	100.0	81.9	8.3	1.9	7.9

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 012--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Meat Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	9,843	100.0	25.4	35.1	38.0	1.5
Under 200 miles	4,536	100.0	12.8	23.7	61.1	2.4
Under 1,000 pounds	375	100.0	-	22.4	77.1	.5
1,000 to 9,999 pounds	694	100.0	-	30.3	68.5	1.2
10,000 to 29,999 pounds	1,172	100.0	-	25.8	73.7	.5
30,000 to 59,999 pounds	1,503	100.0	4.2	26.6	67.5	1.7
60,000 to 89,999 pounds	242	100.0	67.9	14.2	17.9	-
90,000 pounds and over	550	100.0	63.8	8.0	16.3	11.9
200 to 399 miles	2,139	100.0	30.2	42.8	26.9	.1
Under 1,000 pounds	31	100.0	-	82.5	17.5	-
1,000 to 9,999 pounds	151	100.0	-	53.7	46.3	-
10,000 to 29,999 pounds	670	100.0	.3	49.3	50.4	-
30,000 to 59,999 pounds	607	100.0	19.8	54.0	25.8	.4
60,000 to 89,999 pounds	236	100.0	89.5	7.7	2.8	-
90,000 pounds and over	444	100.0	70.2	29.8	-	-
400 to 599 miles	1,031	100.0	38.2	43.8	18.0	-
Under 1,000 pounds	15	100.0	-	92.6	6.8	.6
1,000 to 9,999 pounds	55	100.0	.2	62.3	37.5	-
10,000 to 29,999 pounds	368	100.0	.1	64.8	35.1	-
30,000 to 59,999 pounds	268	100.0	34.3	53.2	12.5	-
60,000 to 89,999 pounds	156	100.0	96.8	3.2	-	-
90,000 pounds and over	169	100.0	88.5	10.7	.8	-
600 to 999 miles	1,138	100.0	41.1	45.4	12.3	1.2
Under 1,000 pounds	15	100.0	3.6	86.4	9.7	.3
1,000 to 9,999 pounds	64	100.0	2.6	71.7	24.5	1.2
10,000 to 29,999 pounds	309	100.0	1.8	73.7	24.5	-
30,000 to 59,999 pounds	337	100.0	23.6	64.5	11.8	.1
60,000 to 89,999 pounds	177	100.0	98.0	2.0	-	-
90,000 pounds and over	236	100.0	87.9	3.6	2.9	5.6
1,000 miles and over	999	100.0	41.3	49.4	7.4	1.9
Under 1,000 pounds	12	100.0	5.7	74.9	2.9	16.5
1,000 to 9,999 pounds	62	100.0	6.9	78.5	12.2	2.4
10,000 to 29,999 pounds	266	100.0	1.7	84.2	13.1	1.0
30,000 to 59,999 pounds	273	100.0	16.9	72.5	10.2	.4
60,000 to 89,999 pounds	185	100.0	93.0	6.0	.7	.3
90,000 pounds and over	201	100.0	92.2	1.0	1.2	5.6
	(millions of ton-miles)					
TON-MILES						
Total[1]	3,972	100.0	37.9	42.8	17.1	2.2
Under 200 miles	410	100.0	15.5	27.8	54.0	2.7
Under 1,000 pounds	23	100.0	.1	32.8	66.5	.6
1,000 to 9,999 pounds	60	100.0	-	35.6	63.1	1.3
10,000 to 29,999 pounds	115	100.0	-	30.4	69.2	.4
30,000 to 59,999 pounds	130	100.0	5.3	32.7	60.3	1.7
60,000 to 89,999 pounds	30	100.0	73.6	9.8	16.6	-
90,000 pounds and over	52	100.0	66.6	8.9	10.9	13.6
200 to 399 miles	626	100.0	30.4	43.3	26.2	.1
Under 1,000 pounds	8	100.0	-	83.2	16.8	-
1,000 to 9,999 pounds	44	100.0	-	54.0	46.0	-
10,000 to 29,999 pounds	196	100.0	.2	49.7	50.1	-
30,000 to 59,999 pounds	175	100.0	21.3	53.6	24.6	.5
60,000 to 89,999 pounds	71	100.0	89.9	7.8	2.3	-
90,000 pounds and over	132	100.0	67.0	33.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 012--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Meat Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	510	100.0	37.3	45.6	17.1	-
Under 1,000 pounds	7	100.0	-	92.8	6.6	0.6
1,000 to 9,999 pounds	27	100.0	.1	64.0	35.9	-
10,000 to 29,999 pounds	185	100.0	.1	67.3	32.6	-
30,000 to 59,999 pounds	134	100.0	34.3	53.6	12.1	-
60,000 to 89,999 pounds	77	100.0	96.5	3.5	-	-
90,000 pounds and over	80	100.0	86.7	12.4	.9	-
600 to 999 miles	863	100.0	41.4	44.9	12.2	1.5
Under 1,000 pounds	12	100.0	3.1	87.0	9.6	.3
1,000 to 9,999 pounds	50	100.0	2.6	71.0	25.3	1.1
10,000 to 29,999 pounds	226	100.0	1.9	73.1	25.0	-
30,000 to 59,999 pounds	257	100.0	23.4	65.3	11.2	.1
60,000 to 89,999 pounds	134	100.0	98.2	1.8	-	-
90,000 pounds and over	184	100.0	86.8	3.3	3.3	6.6
1,000 miles and over	1,563	100.0	45.3	44.5	6.3	3.9
Under 1,000 pounds	19	100.0	8.8	67.2	2.3	21.7
1,000 to 9,999 pounds	94	100.0	10.4	75.2	10.5	3.9
10,000 to 29,999 pounds	376	100.0	2.4	83.9	11.9	1.8
30,000 to 59,999 pounds	391	100.0	18.4	70.7	10.2	.7
60,000 to 89,999 pounds	335	100.0	93.8	5.5	.5	.2
90,000 pounds and over	348	100.0	86.0	.6	.7	12.7

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 012--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Meat Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,579	100.0	26.7	34.3	37.6	-	0.8	0.5	0.1
New England	694	100.0	10.3	37.2	46.0	-	.1	6.4	-
Middle Atlantic	902	100.0	6.9	27.8	64.4	-	.9	-	-
East North Central	1,823	100.0	48.0	17.7	33.5	-	.5	-	.3
West North Central	1,982	100.0	48.7	29.2	22.1	-	-	-	-
South Atlantic	1,998	100.0	4.1	41.7	53.3	-	.9	-	-
East South Central	1,050	100.0	31.3	50.0	18.7	-	-	-	-
West South Central	1,357	100.0	18.2	40.3	38.4	-	2.9	.2	-
Mountain[1]	112	-	-	-	-	-	-	-	-
Pacific[2]	661	100.0	18.7	44.7	34.4	0.2	1.2	.8	-
TON-MILES	(millions of ton-miles)								
U.S. total	4,272	100.0	40.5	40.8	16.7	-	1.9	.1	-
New England	107	100.0	16.0	55.2	27.5	-	-	1.3	-
Middle Atlantic	198	100.0	12.6	45.1	38.4	-	3.9	-	-
East North Central	607	100.0	67.1	15.1	11.4	-	6.3	-	.1
West North Central	1,120	100.0	57.5	32.3	10.2	-	-	-	-
South Atlantic	666	100.0	18.9	48.8	31.7	-	.6	-	-
East South Central	327	100.0	25.9	68.2	5.9	-	-	-	-
West South Central	755	100.0	17.0	59.6	20.8	-	2.6	-	-
Mountain[1]	94	-	-	-	-	-	-	-	-
Pacific[2]	398	100.0	59.6	33.2	3.8	.5	2.7	.2	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 012--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Meat Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	10,579	10,579	737	1,720	2,288	1,031	1,723	951	888	153	1,088
Ton-miles.....millions..	4,272	4,272	289	703	667	321	585	259	288	129	1,031
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	10,579	100.0	7.0	16.3	21.6	9.7	16.3	9.0	8.4	1.4	10.3
Shipments from--											
New England.....	694	100.0	60.6	34.9	3.4	.1	.3	.4	.1	-	.2
Middle Atlantic.....	902	100.0	10.3	57.4	8.2	.6	21.3	.6	.6	.1	.9
East North Central.....	1,823	100.0	2.9	5.9	63.8	4.7	5.8	7.7	2.5	.2	6.5
West North Central.....	1,982	100.0	3.3	13.9	23.7	30.9	7.5	5.5	8.7	1.1	5.4
South Atlantic.....	1,998	100.0	3.4	25.2	13.1	1.8	50.8	2.3	.5	-	2.9
East South Central.....	1,050	100.0	.1	2.4	15.9	2.5	13.9	54.9	7.1	-	3.2
West South Central.....	1,357	100.0	.5	1.5	7.9	15.5	5.0	4.6	42.3	7.1	15.6
Mountain[2].....	112	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	661	100.0	4.2	3.9	1.2	5.4	7.0	.8	.7	3.8	73.0
TON-MILES	(millions)										
U.S. total.....	4,272	100.0	6.8	16.5	15.6	7.5	13.7	6.1	6.8	3.0	24.0
Shipments from--											
New England.....	107	100.0	32.7	41.3	17.4	.7	1.1	2.7	1.0	.3	2.8
Middle Atlantic.....	198	100.0	12.2	27.7	13.6	2.5	28.2	2.0	3.1	1.0	9.7
East North Central.....	607	100.0	6.9	9.8	20.4	3.3	9.4	9.2	4.9	.8	35.3
West North Central.....	1,120	100.0	6.9	24.4	17.5	9.0	12.3	5.0	9.9	1.5	13.5
South Atlantic.....	666	100.0	4.4	25.5	19.2	4.1	21.5	2.1	1.5	.1	21.6
East South Central.....	327	100.0	.2	4.9	24.9	3.4	14.8	28.8	5.0	.1	17.9
West South Central.....	755	100.0	1.2	3.1	8.7	12.4	5.0	2.6	14.3	11.9	40.8
Mountain[2].....	94	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	398	100.0	18.1	15.4	3.5	12.5	25.7	2.7	1.3	3.0	17.8

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 012--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Meat Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,579	100.0	26.7	34.3	37.6	-	0.8	0.5	0.1
East North Central, total	1,823	100.0	48.0	17.7	33.5	-	.5	-	.3
Shipments to--									
Middle Atlantic	108	100.0	58.8	28.4	11.3	-	-	-	1.5
East North Central	1,162	100.0	32.9	18.7	48.2	-	-	-	.2
West North Central	86	100.0	48.4	25.9	25.7	-	-	-	-
South Atlantic	105	100.0	79.9	18.0	1.9	-	-	-	.2
West North Central, total	1,982	100.0	48.7	29.2	22.1	-	-	-	-
Shipments to--									
Middle Atlantic	276	100.0	39.6	55.8	4.5	-	-	.1	-
East North Central	470	100.0	51.0	25.1	23.9	-	-	-	-
West North Central	611	100.0	26.8	30.2	42.9	-	-	-	.1
South Atlantic, total	1,998	100.0	4.1	41.7	53.3	-	.9	-	-
Shipments to--									
Middle Atlantic	503	100.0	3.0	49.8	47.1	-	-	-	.1
East North Central	261	100.0	.9	61.3	37.8	-	-	-	-
South Atlantic	1,014	100.0	1.6	29.3	67.3	-	1.8	-	-
East South Central, total	1,050	100.0	31.3	50.0	18.7	-	-	-	-
Shipments to--									
East North Central	167	100.0	4.3	95.7	-	-	-	-	-
South Atlantic	146	100.0	50.8	46.3	2.9	-	-	-	-
East South Central	577	100.0	39.5	29.0	31.5	-	-	-	-
West South Central, total	1,357	100.0	18.2	40.3	38.4	-	2.9	.2	-
Shipments to--									
West North Central	210	100.0	28.9	39.8	31.3	-	-	-	-
West South Central	573	100.0	10.9	20.5	63.9	-	4.3	.4	-
Pacific	212	100.0	-	85.0	14.7	-	.3	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	4,272	100.0	40.5	40.8	16.7	-	1.9	.1	-
East North Central, total	607	100.0	67.1	15.1	11.4	-	6.3	-	.1
Shipments to--									
Middle Atlantic	60	100.0	59.8	27.0	12.3	-	-	-	.9
East North Central	124	100.0	37.9	21.3	40.6	-	-	-	.2
West North Central	20	100.0	52.5	27.5	20.0	-	-	-	-
South Atlantic	57	100.0	78.2	19.9	1.8	-	-	-	.1
West North Central, total	1,120	100.0	57.5	32.3	10.2	-	-	-	-
Shipments to--									
Middle Atlantic	274	100.0	39.4	56.1	4.4	-	-	.1	-
East North Central	196	100.0	56.8	30.3	12.9	-	-	-	-
West North Central	101	100.0	36.5	30.5	32.9	-	-	-	.1
South Atlantic, total	666	100.0	18.9	48.8	31.7	-	.6	-	-
Shipments to--									
Middle Atlantic	170	100.0	4.5	57.5	38.0	-	-	-	-
East North Central	128	100.0	1.0	64.0	35.0	-	-	-	-
South Atlantic	143	100.0	2.5	46.0	49.1	-	2.4	-	-
East South Central, total	327	100.0	25.9	68.2	5.9	-	-	-	-
Shipments to--									
East North Central	81	100.0	4.7	95.3	-	-	-	-	-
South Atlantic	48	100.0	49.4	49.6	1.0	-	-	-	-
East South Central	94	100.0	52.4	32.1	15.5	-	-	-	-
West South Central, total	755	100.0	17.0	59.6	20.8	-	2.6	-	-
Shipments to--									
West North Central	93	100.0	48.7	30.5	20.8	-	-	-	-
West South Central	108	100.0	17.0	20.4	58.6	-	3.9	.1	-
Pacific	308	100.0	-	84.4	14.8	-	.8	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 012--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Meat Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	10,579	4,514	5,634	431	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	4,272	1,728	2,409	135
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	26.7	42.6	15.6	5.8	40.5	64.5	24.7	16.6
Motor carrier.....	34.3	21.5	44.1	40.4	40.8	21.9	54.5	35.7
Private truck.....	37.6	33.8	39.5	53.8	16.7	12.0	18.3	47.7
Air.....	-	-	-	-	-	-	.1	-
Water.....	.8	1.0	.7	-	1.9	1.4	2.3	-
Other.....	.5	1.0	.1	-	.1	.1	.1	-
Unknown.....	.1	.1	-	-	-	.1	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	28.3	31.5	25.9	28.1	3.8	4.5	3.3	4.8
100 to 199 miles.....	17.5	17.1	17.6	20.2	6.4	6.5	6.2	8.7
200 to 299 miles.....	11.4	12.8	10.5	8.4	7.0	8.4	6.0	6.8
300 to 399 miles.....	9.8	9.4	9.9	11.9	8.3	8.6	7.9	12.9
400 to 499 miles.....	6.1	6.5	5.6	8.3	6.7	7.4	5.9	11.4
500 to 999 miles.....	16.7	13.8	18.8	17.9	28.7	26.0	30.3	35.3
1,000 miles and over.....	10.2	8.9	11.7	5.2	39.1	38.6	40.4	20.1

Table 8. SHIPPER CLASS 012--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Meat Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	51.6	44.7	65.2	40.5
Highway facilities	80.5	80.4	80.9	70.3
Rail and highway facilities	40.2	35.3	50.4	25.6
Air facilities	75.8	77.5	73.4	55.4
Rail, highway, and air facilities	33.3	30.2	39.5	25.6
Water facilities	21.2	25.0	15.0	-
Rail, highway, air, and water facilities	10.2	12.0	7.3	-

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 14.5 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 013--Percent Distribution of Distance, by Means of Transport: 1967

Dairy Products

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	11,455	100.0	35.5	30.3	34.0	-	-	-	0.2
Under 50 miles	1,466	100.0	19.5	14.2	66.3	-	-	-	-
50 to 99 miles	2,116	100.0	27.8	13.6	58.6	-	-	-	-
100 to 199 miles	3,711	100.0	27.3	48.0	24.4	-	-	-	.3
200 to 299 miles	1,566	100.0	36.3	33.2	30.5	-	-	-	-
300 to 399 miles	501	100.0	51.9	28.3	19.8	-	-	-	-
400 to 499 miles	390	100.0	54.5	23.7	19.8	-	-	-	2.0
500 to 599 miles	330	100.0	65.6	19.1	15.3	-	-	-	-
600 to 799 miles	641	100.0	63.4	29.5	7.1	-	-	-	-
800 to 999 miles	247	100.0	69.5	28.9	1.6	-	-	-	-
1,000 to 1,199 miles	124	100.0	78.1	20.6	1.1	-	-	0.2	-
1,200 miles and over	363	100.0	70.9	22.2	6.9	-	-	-	-
TON-MILES	(millions of ton-miles)								
Total	3,050	100.0	52.6	30.3	16.9	-	-	-	.2
Under 50 miles	46	100.0	20.5	17.2	62.3	-	-	-	-
50 to 99 miles	156	100.0	30.7	14.9	54.4	-	-	-	-
100 to 199 miles	552	100.0	26.9	51.8	20.9	-	-	.1	.3
200 to 299 miles	372	100.0	36.0	33.3	30.7	-	-	-	-
300 to 399 miles	175	100.0	54.0	27.5	18.5	-	-	-	-
400 to 499 miles	166	100.0	53.3	24.5	20.3	-	-	-	1.9
500 to 599 miles	187	100.0	66.3	19.0	14.7	-	-	-	-
600 to 799 miles	436	100.0	62.6	30.3	7.1	-	-	-	-
800 to 999 miles	221	100.0	70.0	28.5	1.5	-	-	-	-
1,000 to 1,199 miles	135	100.0	77.7	21.0	1.1	-	-	.2	-
1,200 miles and over	604	100.0	70.9	22.2	6.9	-	-	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 013--Percent Distribution of Weight, by Means of Transport: 1967

Dairy Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	10,745	100.0	37.6	31.7	30.5	0.2
Under 1,000 pounds	151	100.0	.1	16.4	83.3	.2
Under 50 pounds	8	100.0	-	.1	99.2	.7
50 to 99 pounds	18	100.0	-	1.0	98.8	.2
100 to 199 pounds	20	100.0	-	5.3	94.6	.1
200 to 499 pounds	45	100.0	.1	15.1	84.7	.1
500 to 999 pounds	60	100.0	.1	27.7	72.2	-
1,000 to 9,999 pounds	463	100.0	1.0	38.0	61.0	-
1,000 to 1,999 pounds	104	100.0	.1	26.2	73.6	.1
2,000 to 2,999 pounds	76	100.0	.4	38.0	61.6	-
3,000 to 3,999 pounds	42	100.0	.4	50.7	48.9	-
4,000 to 4,999 pounds	41	100.0	.7	40.8	58.5	-
5,000 to 9,999 pounds	200	100.0	1.9	40.9	57.2	-
10,000 to 29,999 pounds	1,601	100.0	2.3	36.0	61.7	-
10,000 to 19,999 pounds	687	100.0	1.3	28.5	70.2	-
20,000 to 29,999 pounds	914	100.0	3.0	41.7	55.3	-
30,000 to 59,999 pounds	5,220	100.0	16.5	49.0	34.3	.2
30,000 to 39,999 pounds	2,343	100.0	20.8	27.0	52.1	.1
40,000 to 49,999 pounds	2,552	100.0	5.1	74.0	20.5	.4
50,000 to 59,999 pounds	325	100.0	74.9	11.4	13.7	-
60,000 to 89,999 pounds	2,746	100.0	97.6	.8	1.3	.3
60,000 to 69,999 pounds	380	100.0	88.2	4.3	5.4	2.1
70,000 to 79,999 pounds	1,226	100.0	98.4	.4	1.2	-
80,000 to 89,999 pounds	1,140	100.0	100.0	-	-	-
90,000 pounds and over	564	100.0	81.4	9.0	9.6	-
	(millions of ton-miles)					
TON-MILES						
Total	2,945	100.0	54.2	31.0	14.6	.2
Under 1,000 pounds	17	100.0	.6	56.7	41.9	.8
Under 50 pounds	-	-	-	-	-	-
50 to 99 pounds	1	100.0	-	7.1	89.2	3.7
100 to 199 pounds	1	100.0	-	29.3	69.1	1.6
200 to 499 pounds	5	100.0	1.1	57.1	41.2	.6
500 to 999 pounds	10	100.0	.5	67.2	32.3	-
1,000 to 9,999 pounds	87	100.0	2.4	57.9	39.5	.2
1,000 to 1,999 pounds	16	100.0	.7	52.5	46.1	.7
2,000 to 2,999 pounds	15	100.0	.9	66.6	32.5	-
3,000 to 3,999 pounds	9	100.0	1.2	57.4	41.4	-
4,000 to 4,999 pounds	6	100.0	1.0	65.7	33.0	.3
5,000 to 9,999 pounds	41	100.0	4.1	55.6	40.1	.2
10,000 to 29,999 pounds	298	100.0	6.7	59.3	34.0	-
10,000 to 19,999 pounds	122	100.0	4.4	57.0	38.5	.1
20,000 to 29,999 pounds	176	100.0	8.2	61.0	30.8	-
30,000 to 59,999 pounds	1,146	100.0	21.6	56.6	21.6	.2
30,000 to 39,999 pounds	438	100.0	25.2	41.6	33.1	.1
40,000 to 49,999 pounds	624	100.0	12.0	72.4	15.3	.3
50,000 to 59,999 pounds	84	100.0	73.9	18.5	7.6	-
60,000 to 89,999 pounds	1,090	100.0	97.7	1.7	.3	.3
60,000 to 69,999 pounds	151	100.0	90.2	6.5	1.2	2.1
70,000 to 79,999 pounds	476	100.0	98.1	1.7	.2	-
80,000 to 89,999 pounds	463	100.0	100.0	-	-	-
90,000 pounds and over	307	100.0	85.0	3.1	11.9	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 013--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Dairy Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	10,745	100.0	37.6	31.7	30.5	0.2
Under 200 miles	6,869	100.0	27.4	32.4	40.1	.1
Under 1,000 pounds	133	100.0	-	7.8	92.2	-
1,000 to 9,999 pounds	344	100.0	-	29.7	70.3	-
10,000 to 29,999 pounds	1,125	100.0	.8	22.7	76.5	-
30,000 to 59,999 pounds	3,867	100.0	13.8	47.2	38.7	.3
60,000 to 89,999 pounds	1,194	100.0	97.2	-	2.8	-
90,000 pounds and over	206	100.0	85.0	15.0	-	-
200 to 399 miles	1,792	100.0	45.3	36.8	17.9	-
Under 1,000 pounds	10	100.0	.1	66.3	33.4	.2
1,000 to 9,999 pounds	66	100.0	5.5	60.6	33.9	-
10,000 to 29,999 pounds	289	100.0	1.5	68.3	30.2	-
30,000 to 59,999 pounds	701	100.0	21.9	54.8	23.3	-
60,000 to 89,999 pounds	603	100.0	97.7	2.0	.3	-
90,000 pounds and over	123	100.0	49.5	16.0	34.5	-
400 to 599 miles	718	100.0	59.6	21.5	17.8	1.1
Under 1,000 pounds	3	100.0	-	93.1	4.0	2.9
1,000 to 9,999 pounds	22	100.0	-	49.5	50.4	.1
10,000 to 29,999 pounds	65	100.0	12.0	43.4	44.6	-
30,000 to 59,999 pounds	238	100.0	16.3	46.9	36.8	-
60,000 to 89,999 pounds	326	100.0	97.1	.5	-	2.4
90,000 pounds and over	64	100.0	100.0	-	-	-
600 to 999 miles	882	100.0	65.2	29.2	5.6	-
Under 1,000 pounds	4	100.0	1.5	95.4	2.8	.3
1,000 to 9,999 pounds	23	100.0	3.1	70.8	25.4	.7
10,000 to 29,999 pounds	98	100.0	12.9	79.4	7.7	-
30,000 to 59,999 pounds	312	100.0	37.5	51.0	11.5	-
60,000 to 89,999 pounds	367	100.0	100.0	-	-	-
90,000 pounds and over	78	100.0	100.0	-	-	-
1,000 miles and over	484	100.0	72.9	22.6	4.5	-
Under 1,000 pounds	1	100.0	1.9	95.0	-	3.1
1,000 to 9,999 pounds	9	100.0	4.3	79.3	15.5	.9
10,000 to 29,999 pounds	22	100.0	14.2	77.1	8.3	.4
30,000 to 59,999 pounds	103	100.0	18.6	74.5	6.9	-
60,000 to 89,999 pounds	256	100.0	97.1	2.9	-	-
90,000 pounds and over	93	100.0	87.7	-	12.3	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,945	100.0	54.2	31.0	14.6	.2
Under 200 miles	727	100.0	28.2	43.0	28.6	.2
Under 1,000 pounds	7	100.0	-	16.1	83.8	.1
1,000 to 9,999 pounds	28	100.0	-	42.1	57.9	-
10,000 to 29,999 pounds	85	100.0	1.1	33.1	65.8	-
30,000 to 59,999 pounds	465	100.0	14.8	57.3	27.4	.5
60,000 to 89,999 pounds	123	100.0	98.1	-	1.9	-
90,000 pounds and over	19	100.0	76.4	23.6	-	-
200 to 399 miles	478	100.0	46.9	35.9	17.2	-
Under 1,000 pounds	3	100.0	.1	68.9	30.8	.2
1,000 to 9,999 pounds	18	100.0	5.2	60.5	34.3	-
10,000 to 29,999 pounds	77	100.0	1.4	68.7	29.9	-
30,000 to 59,999 pounds	186	100.0	25.2	51.8	23.0	-
60,000 to 89,999 pounds	163	100.0	97.2	2.5	.3	-
90,000 pounds and over	31	100.0	55.9	16.6	27.5	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 013--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Dairy Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	353	100.0	60.2	21.5	17.4	0.9
Under 1,000 pounds	2	100.0	-	93.3	4.0	2.7
1,000 to 9,999 pounds	11	100.0	-	48.5	51.4	.1
10,000 to 29,999 pounds	33	100.0	12.7	43.1	44.2	-
30,000 to 59,999 pounds	115	100.0	17.1	47.2	35.7	-
60,000 to 89,999 pounds	160	100.0	97.6	.4	-	2.0
90,000 pounds and over	32	100.0	100.0	-	-	-
600 to 999 miles	652	100.0	65.2	29.5	5.3	-
Under 1,000 pounds	3	100.0	1.6	95.3	2.7	.4
1,000 to 9,999 pounds	17	100.0	3.3	71.7	24.4	.6
10,000 to 29,999 pounds	70	100.0	12.2	80.1	7.7	-
30,000 to 59,999 pounds	233	100.0	37.5	51.9	10.6	-
60,000 to 89,999 pounds	266	100.0	100.0	-	-	-
90,000 pounds and over	63	100.0	100.0	-	-	-
1,000 miles and over	735	100.0	72.1	22.0	5.9	-
Under 1,000 pounds	2	100.0	2.3	94.5	-	3.2
1,000 to 9,999 pounds	13	100.0	4.2	76.6	18.5	.7
10,000 to 29,999 pounds	32	100.0	15.8	77.4	6.5	.3
30,000 to 59,999 pounds	146	100.0	16.7	76.0	7.3	-
60,000 to 89,999 pounds	379	100.0	96.5	3.5	-	-
90,000 pounds and over	163	100.0	82.8	-	17.2	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 013--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Dairy Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	11,455	100.0	35.5	30.3	34.0	-	-	-	0.2
New England[1]	87	-	-	-	-	-	-	-	-
Middle Atlantic	960	100.0	3.7	20.1	76.2	-	-	-	-
East North Central	6,635	100.0	30.3	39.4	30.2	-	-	-	.1
West North Central	1,195	100.0	51.5	18.3	30.2	-	-	-	-
South Atlantic	1,495	100.0	64.9	16.0	18.5	-	-	-	.6
East South Central[1]	466	-	-	-	-	-	-	-	-
West South Central[1]	43	-	-	-	-	-	-	-	-
Mountain[1]	187	-	-	-	-	-	-	-	-
Pacific[2]	387	100.0	7.7	16.5	75.8	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	3,050	100.0	52.6	30.3	16.9	-	-	-	.2
New England[1]	6	-	-	-	-	-	-	-	-
Middle Atlantic	155	100.0	13.7	24.4	61.8	-	-	0.1	-
East North Central	1,722	100.0	50.6	37.1	12.1	-	-	-	.2
West North Central	548	100.0	59.6	23.1	17.3	-	-	-	-
South Atlantic	254	100.0	63.1	24.2	12.0	-	-	-	.7
East South Central[1]	143	-	-	-	-	-	-	-	-
West South Central[1]	3	-	-	-	-	-	-	-	-
Mountain[1]	95	-	-	-	-	-	-	-	-
Pacific[2]	124	100.0	53.9	7.6	38.5	-	-	-	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 013--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Dairy Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	11,455	11,455	173	1,622	5,518	849	1,671	526	291	102	703
Ton-miles.....millions..	3,050	3.050	61	636	804	199	411	179	199	67	494
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	11,455	100.0	1.5	14.2	48.2	7.4	14.6	4.6	2.5	0.9	6.1
Shipments from--											
Middle Atlantic.....	960	100.0	4.9	81.9	3.0	.3	8.9	.4	.3	-	.3
East North Central.....	6,635	100.0	.6	7.4	76.9	5.2	1.8	3.9	1.0	.5	2.7
West North Central.....	1,195	100.0	.5	10.6	27.8	40.6	7.2	2.2	6.3	.6	4.2
South Atlantic.....	1,495	100.0	.1	9.4	-	.4	79.8	7.3	3.0	-	-
Pacific[2].....	387	100.0	-	8.8	-	1.9	-	-	-	3.8	85.5
Balance of U.S.[3].....	783	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	3,050	100.0	2.0	20.9	26.3	6.5	13.5	5.9	6.5	2.2	16.2
Shipments from--											
Middle Atlantic.....	155	100.0	8.4	69.5	5.2	1.7	7.5	1.6	2.5	-	3.6
East North Central.....	1,722	100.0	1.9	17.0	39.3	6.5	3.7	6.8	4.4	2.4	18.0
West North Central.....	548	100.0	1.2	22.9	19.6	12.6	15.1	4.4	9.4	1.1	13.7
South Atlantic.....	254	100.0	.3	5.4	-	1.3	77.1	8.2	7.7	-	-
Pacific[2].....	124	100.0	-	67.7	-	9.2	-	-	-	6.8	16.3
Balance of U.S.[3].....	247	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 013--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Dairy Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	11,455	100.0	35.5	30.3	34.0	-	-	-	0.2
East North Central, total	6,635	100.0	30.3	39.4	30.2	-	-	-	.1
Shipments to--									
Middle Atlantic	494	100.0	63.8	29.7	6.5	-	-	-	-
East North Central	5,091	100.0	19.6	44.4	36.0	-	-	-	-
West North Central, total	1,195	100.0	51.5	18.3	30.2	-	-	-	-
Shipments to--									
Middle Atlantic	127	100.0	78.7	21.3	-	-	-	-	-
East North Central	333	100.0	40.6	16.6	42.8	-	-	-	-
West North Central	485	100.0	51.3	12.7	36.0	-	-	-	-
South Atlantic, total	1,495	100.0	64.9	16.0	18.5	-	-	-	.6
Shipments to--									
Middle Atlantic	141	100.0	.9	4.2	94.9	-	-	-	-
South Atlantic	1,193	100.0	76.7	13.9	8.6	-	-	-	.8
TON-MILES	(millions of ton-miles)								
U.S. total	3,050	100.0	52.6	30.3	16.9	-	-	-	.2
East North Central, total	1,722	100.0	50.6	37.1	12.1	-	-	-	.2
Shipments to--									
Middle Atlantic	293	100.0	67.1	27.4	5.5	-	-	-	-
East North Central	677	100.0	21.5	55.9	22.6	-	-	-	-
West North Central, total	548	100.0	59.6	23.1	17.3	-	-	-	-
Shipments to--									
Middle Atlantic	125	100.0	81.1	18.9	-	-	-	-	-
East North Central	107	100.0	43.4	15.6	41.0	-	-	-	-
West North Central	69	100.0	56.9	12.7	30.4	-	-	-	-
South Atlantic, total	254	100.0	63.1	24.2	12.0	-	-	-	.7
Shipments to--									
Middle Atlantic	14	100.0	4.5	27.4	68.1	-	-	-	-
South Atlantic	196	100.0	72.7	21.3	5.1	-	-	-	.9

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 013--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Dairy Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	11,455	6,856	4,549	50	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	3,050	1,504	1,542	4
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	35.5	28.2	47.2	-	52.6	40.8	64.5	-
Motor carrier.....	30.3	31.9	28.1	-	30.3	36.3	24.5	-
Private truck.....	34.0	39.9	24.3	-	16.9	22.9	10.7	-
Air.....	-	-	-	-	-	-	-	-
Water.....	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-
Unknown.....	.2	-	.4	-	.2	-	.3	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	31.3	31.0	31.4	-	6.6	7.7	5.6	-
100 to 199 miles.....	32.3	40.4	20.2	-	18.1	27.8	8.4	-
200 to 299 miles.....	13.7	14.9	11.9	-	12.2	16.1	8.4	-
300 to 399 miles.....	4.4	3.6	5.6	-	5.7	5.8	5.7	-
400 to 499 miles.....	3.4	1.5	6.4	-	5.5	2.9	8.0	-
500 to 999 miles.....	10.6	5.5	18.5	-	27.7	17.8	37.3	-
1,000 miles and over.....	4.3	3.1	6.0	-	24.2	21.9	26.6	-

Table 8. SHIPPER CLASS 013--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Dairy Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	57.1	56.6	59.0	100.0
Highway facilities.....	72.7	71.8	76.4	100.0
Rail and highway facilities.....	41.8	41.5	42.8	100.0
Air facilities.....	50.7	45.8	71.3	100.0
Rail, highway, and air facilities.....	11.0	6.0	31.4	100.0
Water facilities.....	8.0	3.7	26.5	-
Rail, highway, air, and water facilities.	2.1	-	11.3	-

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 18.5 percent reported they did not have any of the above transportation facilities available.

Shipper Group 2

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

021 Canned fruits and vegetables
022 Canned specialties, seafood, and frozen food
023 Grain mill products and beet and cane sugar
024 Miscellaneous food preparations and kindred products

SAMPLE SIZE

The sample for this shipper group consisted of 665 establishments, of which 595 were in scope and provided data from 72,956 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (70 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 02 and their related SIC industries are as follows:

Shipper Class 021.--Canned fruits and vegetables
- SIC 2033.--Canned fruits, vegetables, preserves, jams, and jellies

Shipper Class 022.--Canned specialties, seafood, and frozen food
- SIC 2031.--Canned and cured fish and seafoods
- SIC 2032.--Canned specialties
- SIC 2034.--Dried and dehydrated fruits and vegetables
- SIC 2035.--Pickled fruits and vegetables; vegetables sauces and seasonings; salad dressings
- SIC 2036.--Fresh or frozen packaged fish and seafoods
- SIC 2037.--Frozen fruits, fruit juices, vegetables, and specialties

Shipper Class 023.--Grain mill products and beet and cane sugar
- SIC 2041.--Flour and other grain mill products
- SIC 2042.--Prepared feeds for animals and fowls
- SIC 2043.--Cereal preparations
- SIC 2044.--Rice milling
- SIC 2045.--Blended and prepared flour
- SIC 2046.--Wet corn milling
- SIC 2061.--Cane sugar, except refining only
- SIC 2062.--Cane sugar refining
- SIC 2063.--Beet sugar

Shipper Class 024.--Miscellaneous food preparations and kindred products
- SIC 2091.--Cottonseed oil mills
- SIC 2092.--Soybean oil mills
- SIC 2093.--Vegetable oil mills, except corn, cottonseed, and soybean
- SIC 2095.--Roasted coffee
- SIC 2096.--Shortening, table oils, margarine, and other edible fats and oils, n.e.c.
- SIC 2098.--Macaroni, spaghetti, vermicelli, and noodles
- SIC 2099.--Food preparations, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
021–Canned fruits and vegetables	2033	2033
022–Canned specialties, seafood, and frozen food	2031,2032,2034,2035, 2036,2037	2031,2032,2034,2035, 2036,2037
023–Grain mill products and beet and cane sugar.	2041,2042,2043,2044, 2045,2046,2061,2062	2041,2042,2043,2044, 2045,2046,2061,2062, 2063
024–Miscellaneous food preparations and kindred products	2091,2092,2093,2095, 2096,2098,2099	2091,2092,2093,2095, 2096,2098,2099

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 90 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 02	155,371	100.0	90.3	9.7
Class 021	17,229	100.0	85.9	14.1
Class 022	14,826	100.0	71.4	28.6
Class 023	85,724	100.0	94.9	5.1
Class 024	37,592	100.0	89.3	10.7

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products Shipper Group shipped (beyond the local area) about 155,371,000 tons of commodities during 1967. Those shipments generated about 63 billion ton-miles by all means of transport combined, averaging about 405 straight-line miles per ton shipped.

As shown in table A, shipper class 023 (Grain Mill Products and Beet and Cane Sugar) dominates this group, shipping about 55 percent of the total tons. Shipper class 024 (Miscellaneous Food Preparations and Kindred Products) accounts for about 25 percent; and the balance is about equally divided between the Canned Fruits and Vegetables Shipper Class and the Canned Specialties, Seafood, and Frozen Foods Shipper Class.

Rails are the dominant means of transport for the shipper group and for each of the shipper classes. Their share is about 56 percent for the shipper group and ranges from 43 to 60 percent for the shipper classes.

When measured in terms of ton-miles, rather than tons, the rail share increased to 74 percent for the shipper group while the share of motor carriers and private trucks decreased. Of the 63 billion ton-miles for the shipper group, rails account for 46 billion, motor carriers 10 billion, private trucks 5 billion, and other transport (primarily water) account for 2 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (that is, beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 5 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Canned and Frozen Foods and Other Food Products Shipper Group and each of the shipper classes for both years. An increase for the shipper group is indicated in the table, from 120 million tons in 1963 to 155 million tons in 1967. Each of the shipper classes indicates an increase, with the largest amount appearing in the Grain Mill Products and Beet and Cane Sugar Shipper Class.

As shown in table C, the relative distribution of tons by means of transport for the two years is fairly stable for the shipper group. Shifts are indicated for the shipper classes; for example, the rail share shows an increase of about 7 percent in 1967 for two of the shipper classes, while in the other two the rail share shows a decrease of about 7 percent in 1967. The motor carrier share shows little change between the two years. The private truck share of shipper class 023 (Grain Mill Products and Beet and Cane Sugar) increased in 1967, and decreased in shipper class 022 (Canned Specialties, Seafood, and Frozen Food).

There is a general tendency toward longer hauls by each means of transport in 1967 for the shipper group, and for each of the shipper classes. As shown in table D, the increased length of haul is most apparent in shipper class 021 (Canned Fruits and Vegetables). It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 02: Canned and frozen foods and other food products, except meat and dairy products	155,371	87,077	29,745	33,741	4,808
Shipper Classes:					
021. Canned fruits and vegetables	17,229	8,842	4,064	3,858	465
022. Canned specialties, seafood, and frozen food	14,826	6,431	6,003	2,266	126
023. Grain mill products and beet and cane sugar	85,724	51,073	10,730	22,954	967
024. Miscellaneous food preparations and kindred products	37,592	20,731	8,948	4,662	3,251
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 02: Canned and frozen foods and other food products, except meat and dairy products	62,983	46,368	9,968	4,564	2,083
Shipper Classes:					
021. Canned fruits and vegetables	14,910	11,455	1,794	1,102	559
022. Canned specialties, seafood, and frozen food	9,171	5,755	2,638	624	154
023. Grain mill products and beet and cane sugar	26,508	21,786	2,234	2,167	321
024. Miscellaneous food preparations and kindred products	12,394	7,372	3,303	671	1,048

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963
(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 02: Canned and frozen foods and other food products, except meat and dairy products.....	155,371	119,858	125,726
Shipper Classes:			
021. Canned fruits and vegetables...	17,229	14,658	15,123
022. Canned specialties, seafood, and frozen food.....	14,826	14,486	15,367
023. Grain mill products and beet and cane sugar.....	85,724	57,597	59,308
024. Miscellaneous food preparations and kindred products.....	37,592	33,117	35,928

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 02: Canned and frozen foods and other food products, except meat and dairy products:					
1967	100.0	56.1	19.1	21.8	3.0
1963	100.0	59.9	21.6	17.4	1.1
SHIPPER CLASSES					
021. Canned fruits and vegetables:					
1967	100.0	51.3	23.6	22.4	2.7
1963	100.0	44.4	32.8	21.1	1.7
022. Canned specialties, seafood, and frozen food:					
1967	100.0	43.3	40.5	15.3	.9
1963	100.0	37.5	38.8	20.9	2.8
023. Grain mill products and beet and and cane sugar:					
1967	100.0	59.6	12.5	26.8	1.1
1963	100.0	68.0	12.5	19.0	.5
024. Miscellaneous food preparations and kindred products:					
1967	100.0	55.1	23.8	12.4	8.7
1963	100.0	62.5	24.6	11.7	1.2
TON-MILES					
Shipper Group 02: Canned and frozen foods and other food products, except meat and dairy products:					
1967	100.0	73.7	15.9	7.2	3.2
1963	100.0	74.9	16.8	6.6	1.7
SHIPPER CLASSES					
021. Canned fruits and vegetables:					
1967	100.0	76.8	12.0	7.4	3.8
1963	100.0	74.8	16.6	6.6	2.0
022. Canned specialties, seafood, and frozen food:					
1967	100.0	62.8	28.8	6.8	1.6
1963	100.0	56.4	31.1	8.9	3.6
023. Grain mill products and beet and cane sugar:					
1967	100.0	82.2	8.4	8.2	1.2
1963	100.0	86.7	7.0	5.6	.7
024. Miscellaneous food preparations and kindred products:					
1967	100.0	59.4	26.7	5.4	8.5
1963	100.0	67.9	24.0	6.7	1.4

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 02: Canned and frozen foods and other food products, except meat and dairy products:				
1967	405	532	335	135
1963	392	490	305	149
SHIPPER CLASSES				
021. Canned fruits and vegetables:				
1967	865	1,296	441	286
1963	658	1,109	333	206
022. Canned specialties, seafood, and frozen food:				
1967	619	895	439	275
1963	569	856	456	243
023. Grain mill products and beet and cane sugar:				
1967	309	427	208	94
1963	339	433	190	100
024. Miscellaneous food preparations and kindred products:				
1967	330	356	369	144
1963	290	316	283	166

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 02: Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	56.6	19.1	21.0	3.3
1963	100.0	57.2	22.9	18.9	1.0
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	38.7	21.5	38.6	1.2
1963	100.0	39.1	25.9	33.8	1.2
200 to 399 miles:					
1967	100.0	61.6	18.2	11.0	9.2
1963	100.0	64.1	25.6	9.7	.6
400 to 599 miles:					
1967	100.0	77.5	15.6	6.3	.6
1963	100.0	77.3	15.9	6.5	.3
600 to 999 miles:					
1967	100.0	75.1	20.9	2.8	1.2
1963	100.0	78.1	17.3	2.8	1.8
1,000 miles and over:					
1967	100.0	83.3	11.4	2.2	3.1
1963	100.0	84.2	12.5	1.7	1.6
WEIGHT					
Under 1,000 pounds:					
1967	100.0	2.0	54.9	41.0	2.1
1963	100.0	1.6	74.5	21.4	2.5
1,000 to 9,999 pounds:					
1967	100.0	2.0	42.2	55.1	.7
1963	100.0	1.5	47.9	49.2	1.4
1,000 to 29,999 pounds:					
1967	100.0	6.7	28.5	64.0	.8
1963	100.0	6.6	35.6	57.2	.6
30,000 to 59,999 pounds:					
1967	100.0	30.1	37.3	30.8	1.0
1963	100.0	43.8	36.7	18.7	.8
60,000 to 89,999 pounds:					
1967	100.0	91.9	6.3	1.4	.4
1963	100.0	96.1	2.9	.3	.7
90,000 pounds and over:					
1967	100.0	89.3	1.8	1.1	7.8
1963	100.0	95.2	2.6	.5	1.7

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 02: Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	56.1	19.1	21.8	3.0
1963	100.0	59.9	21.6	17.4	1.1
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	21.1	50.9	24.1	3.9
20 to 99 employees:					
1967	100.0	45.3	18.9	35.2	.6
1963	100.0	62.2	11.9	25.5	.4
100 to 499 employees:					
1967	100.0	61.4	17.7	14.9	6.0
1963	100.0	59.0	26.1	13.6	1.3
500 employees and over:					
1967	100.0	67.3	23.4	7.8	1.5
1963	100.0	67.0	23.4	8.0	1.6

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 02: Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	56.1	19.1	21.8	3.0
1963	100.0	59.9	21.6	17.4	1.1
Middle Atlantic:					
1967	100.0	41.7	37.1	20.8	.4
1963	100.0	45.5	43.6	10.5	.4
East North Central:					
1967	100.0	64.1	19.4	16.1	.4
1963	100.0	64.9	22.4	11.8	.9
West North Central:					
1967	100.0	66.2	11.2	22.4	.2
1963	100.0	73.5	11.1	15.4	-
West South Central:					
1967	100.0	51.4	13.4	20.3	14.9
1963	100.0	62.1	14.7	22.2	1.0
Mountain and Pacific:					
1967	100.0	52.5	26.5	18.2	2.8
1963	100.0	51.7	28.7	16.6	3.0

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 02: CANNED AND FROZEN FOODS AND OTHER FOOD PRODUCTS, EXCEPT MEAT AND DAIRY PRODUCTS		
Total shipments	155,371	8.4
Shipments by--		
Rail	87,077	9.2
Motor carrier	29,745	11.8
Private truck	33,741	12.6
All other	4,808	-
Shipments from--		
New England Division	2,545	30.8
Middle Atlantic Division	14,974	17.8
East North Central Division	38,346	16.6
West North Central Division	32,866	18.6
South Atlantic Division	11,583	29.4
East South Central Division	6,690	33.0
West South Central Division	23,484	26.0
Mountain Division	2,616	37.2
Pacific Division	22,267	15.2
SHIPPER CLASS 021: CANNED FRUITS AND VEGETABLES		
Total shipments	17,229	12.6
Shipments by--		
Rail	8,842	13.4
Motor carrier	4,064	17.0
Private truck	3,858	14.6
All other	465	-
Shipments from--		
Middle Atlantic Division	1,791	25.2
East North Central Division	2,276	22.6
West North Central Division	772	47.0
South Atlantic Division	2,461	32.8
West South Central Division	488	34.0
Pacific Division	8,728	16.0
Balance of United States	713	-
SHIPPER CLASS 022: CANNED SPECIALTIES, SEAFOOD, AND FROZEN FOOD		
Total shipments	14,826	13.4
Shipments by--		
Rail	6,431	13.8
Motor carrier	6,003	14.6
Private truck	2,266	30.8
All other	126	-
SHIPPER CLASS 022: CANNED SPECIALTIES, SEAFOOD, AND FROZEN FOOD--Con.		
Shipments from--		
New England Division	610	44.8
Middle Atlantic Division	2,811	16.4
East North Central Division	3,891	27.4
West North Central Division	629	40.2
South Atlantic Division	2,103	27.6
West South Central Division	850	44.4
Pacific Division	3,244	17.0
Balance of United States	688	-
SHIPPER CLASS 023: GRAIN MILL PRODUCTS AND BEET AND CANE SUGAR		
Total shipments	85,724	11.4
Shipments by--		
Rail	51,073	11.6
Motor carrier	10,730	18.6
Private truck	22,954	19.2
All other	967	-
Shipments from--		
New England Division	1,459	50.0
Middle Atlantic Division	8,344	25.0
East North Central Division	24,649	21.8
West North Central Division	19,894	22.0
South Atlantic Division	6,294	51.8
East South Central Division	3,747	53.4
West South Central Division	11,611	33.2
Mountain Division	2,010	48.6
Pacific Division	7,716	28.0
SHIPPER CLASS 024: MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS		
Total shipments	37,592	29.8
Shipments by--		
Rail	20,731	35.6
Motor carrier	8,948	28.6
Private truck	4,662	28.2
All other	3,251	-
Shipments from--		
Middle Atlantic Division	2,072	27.6
East North Central Division	7,530	62.8
West North Central Division	11,571	47.6
South Atlantic Division	725	28.6
East South Central Division	2,451	56.0
West South Central Division	10,536	54.8
Pacific Division	2,579	51.0
Balance of United States	173	-

TABLE 1. SHIPPER GROUP 02--Percent Distribution of Distance, by Means of Transport: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	155,371	100.0	56.1	19.1	21.8	-	2.8	0.1	0.1
Under 50 miles	17,726	100.0	19.1	20.5	59.5	-	.3	.2	.4
50 to 99 miles	23,743	100.0	31.6	23.0	42.9	-	2.0	.4	.1
100 to 199 miles	27,707	100.0	54.0	20.9	24.8	-	-	.1	.2
200 to 299 miles	21,723	100.0	64.2	19.0	12.9	-	3.7	-	.2
300 to 399 miles	15,461	100.0	57.3	17.7	9.2	-	15.6	.1	.1
400 to 499 miles	9,355	100.0	79.2	15.2	5.6	-	-	-	-
500 to 599 miles	6,875	100.0	73.2	17.1	8.4	-	1.2	-	.1
600 to 799 miles	11,039	100.0	77.4	18.8	2.9	-	.7	.1	.1
800 to 999 miles	7,279	100.0	74.5	21.8	2.4	-	1.2	-	.1
1,000 to 1,199 miles	3,484	100.0	71.5	20.9	3.0	-	4.5	.1	-
1,200 to 1,499 miles	3,144	100.0	82.7	13.2	2.3	-	1.8	-	-
1,500 to 1,999 miles	4,104	100.0	89.7	8.9	.8	-	.5	-	.1
2,000 miles and over	3,731	100.0	86.3	5.9	2.4	-	5.0	-	.4
TON-MILES	(millions of ton-miles)								
Total	62,983	100.0	73.7	15.9	7.2	-	3.1	-	.1
Under 50 miles	563	100.0	20.9	18.9	59.3	-	.3	.2	.4
50 to 99 miles	1,726	100.0	32.5	23.0	42.2	-	1.9	.3	.1
100 to 199 miles	4,014	100.0	54.9	21.4	23.5	-	-	-	.2
200 to 299 miles	5,387	100.0	64.0	18.9	12.7	-	4.2	-	.2
300 to 399 miles	5,249	100.0	58.2	17.8	9.2	-	14.6	.1	.1
400 to 499 miles	4,108	100.0	79.0	15.3	5.7	-	-	-	-
500 to 599 miles	3,784	100.0	73.5	17.0	8.2	-	1.2	-	.1
600 to 799 miles	7,663	100.0	77.2	19.1	2.8	-	.7	.1	.1
800 to 999 miles	6,531	100.0	74.6	21.6	2.4	-	1.3	-	.1
1,000 to 1,199 miles	3,772	100.0	71.1	21.3	3.0	-	4.5	.1	-
1,200 to 1,499 miles	4,222	100.0	82.7	13.2	2.3	-	1.8	-	-
1,500 to 1,999 miles	7,148	100.0	89.8	8.8	.8	-	.5	-	.1
2,000 miles and over	8,816	100.0	86.0	5.9	2.3	-	5.3	-	.5

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 02--Percent Distribution of Weight, by Means of Transport: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	147,754	100.0	56.6	19.1	21.0	3.0	0.3
Under 1,000 pounds	750	100.0	2.0	54.9	41.0	.3	1.8
Under 50 pounds	5	100.0	.8	31.0	39.1	.5	3.6
50 to 99 pounds	15	100.0	1.9	39.5	42.1	-	16.5
100 to 199 pounds	50	100.0	1.9	51.6	41.6	.2	4.7
200 to 499 pounds	231	100.0	1.9	60.7	36.1	.1	1.2
500 to 999 pounds	449	100.0	2.0	53.4	43.4	.3	.9
1,000 to 9,999 pounds	7,102	100.0	2.0	42.2	55.1	.4	.3
1,000 to 1,999 pounds	825	100.0	1.8	41.4	55.9	.5	.4
2,000 to 2,999 pounds	1,020	100.0	1.8	37.0	60.1	.6	.5
3,000 to 3,999 pounds	807	100.0	1.8	54.7	43.1	.3	.1
4,000 to 4,999 pounds	912	100.0	1.4	48.8	49.1	.3	.4
5,000 to 9,999 pounds	3,538	100.0	2.3	39.3	57.8	.4	.2
10,000 to 29,999 pounds	18,340	100.0	6.7	28.5	64.0	.3	.5
10,000 to 19,999 pounds	9,373	100.0	3.5	23.8	71.9	.2	.6
20,000 to 29,999 pounds	8,967	100.0	10.0	33.4	55.8	.3	.5
30,000 to 59,999 pounds	45,834	100.0	30.9	37.3	30.8	.6	.4
30,000 to 39,999 pounds	13,365	100.0	14.7	52.1	32.6	.3	.3
40,000 to 49,999 pounds	23,417	100.0	22.3	37.7	38.7	.9	.4
50,000 to 59,999 pounds	9,052	100.0	77.2	14.9	7.6	.1	.2
60,000 to 89,999 pounds	23,836	100.0	91.9	6.3	1.4	.3	.1
60,000 to 69,999 pounds	8,515	100.0	93.1	5.4	1.4	-	.1
70,000 to 79,999 pounds	7,691	100.0	86.8	10.8	2.0	.2	.2
80,000 to 89,999 pounds	7,630	100.0	95.9	2.7	.8	.6	-
90,000 pounds and over	51,892	100.0	89.3	1.8	1.1	7.7	.1
TON-MILES	(millions of ton-miles)						
Total	59,943	100.0	73.7	15.8	7.1	3.2	.2
Under 1,000 pounds	231	100.0	7.6	71.6	16.8	1.8	2.2
Under 50 pounds	2	100.0	3.0	43.7	6.3	3.4	43.6
50 to 99 pounds	5	100.0	3.2	58.6	12.6	-	25.6
100 to 199 pounds	17	100.0	7.7	72.1	14.0	.9	5.3
200 to 499 pounds	69	100.0	9.6	75.8	12.0	.9	1.7
500 to 999 pounds	138	100.0	6.8	70.1	19.9	2.4	.8
1,000 to 9,999 pounds	1,643	100.0	10.0	51.2	35.1	3.3	.4
1,000 to 1,999 pounds	222	100.0	9.2	55.4	30.8	4.1	.5
2,000 to 2,999 pounds	249	100.0	9.2	48.4	36.9	4.9	.6
3,000 to 3,999 pounds	178	100.0	9.6	59.7	28.1	2.2	.4
4,000 to 4,999 pounds	187	100.0	6.7	54.4	35.9	2.2	.8
5,000 to 9,999 pounds	807	100.0	11.4	48.4	37.0	3.0	.2
10,000 to 29,999 pounds	3,883	100.0	24.1	41.6	32.5	1.4	.4
10,000 to 19,999 pounds	1,613	100.0	18.5	38.6	41.2	1.4	.3
20,000 to 29,999 pounds	2,270	100.0	28.1	43.7	26.4	1.3	.5
30,000 to 59,999 pounds	15,150	100.0	43.3	39.6	14.9	2.0	.2
30,000 to 39,999 pounds	4,983	100.0	28.4	55.5	15.2	.6	.3
40,000 to 49,999 pounds	6,809	100.0	32.0	43.3	20.5	4.1	.1
50,000 to 59,999 pounds	3,358	100.0	88.6	8.3	2.9	.1	.1
60,000 to 89,999 pounds	11,404	100.0	93.8	4.7	.6	.9	-
60,000 to 69,999 pounds	3,559	100.0	95.4	3.8	.8	-	-
70,000 to 79,999 pounds	3,813	100.0	91.1	7.5	.7	.7	-
80,000 to 89,999 pounds	4,032	100.0	95.0	2.8	.4	1.8	-
90,000 pounds and over	27,632	100.0	93.3	1.1	.2	5.2	.2

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 02--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	147,754	100.0	56.6	19.1	21.0	3.0	0.3
Under 200 miles	65,509	100.0	38.7	21.5	38.6	.8	.4
Under 1,000 pounds	453	100.0	.7	42.9	55.2	-	1.2
1,000 to 9,999 pounds	5,024	100.0	.7	37.4	61.5	.1	.3
10,000 to 29,999 pounds	13,702	100.0	1.6	21.9	75.8	.2	.5
30,000 to 59,999 pounds	23,668	100.0	20.7	33.0	45.6	.2	.5
60,000 to 89,999 pounds	8,107	100.0	87.4	9.6	2.7	-	.3
90,000 pounds and over	14,555	100.0	90.2	3.1	3.7	3.0	-
200 to 399 miles	35,971	100.0	61.6	18.2	11.0	8.9	.3
Under 1,000 pounds	127	100.0	1.7	63.6	33.2	-	1.5
1,000 to 9,999 pounds	1,030	100.0	1.0	47.8	50.9	-	.3
10,000 to 29,999 pounds	2,216	100.0	14.9	44.0	40.2	-	.9
30,000 to 59,999 pounds	10,596	100.0	36.0	41.1	22.8	.1	-
60,000 to 89,999 pounds	6,166	100.0	93.1	5.9	1.0	-	-
90,000 pounds and over	15,836	100.0	77.6	1.7	.1	20.3	.3
400 to 599 miles	15,632	100.0	77.5	15.6	6.3	.5	.1
Under 1,000 pounds	49	100.0	.7	82.2	13.4	-	3.7
1,000 to 9,999 pounds	340	100.0	3.6	53.0	42.6	-	.8
10,000 to 29,999 pounds	749	100.0	22.0	48.9	28.9	-	.2
30,000 to 59,999 pounds	4,301	100.0	46.6	39.8	13.4	-	.2
60,000 to 89,999 pounds	3,282	100.0	96.1	3.1	.8	-	-
90,000 pounds and over	6,911	100.0	98.1	.5	.2	1.2	-
600 to 999 miles	16,954	100.0	75.1	20.9	2.8	1.0	.2
Under 1,000 pounds	73	100.0	1.8	88.0	7.1	-	3.1
1,000 to 9,999 pounds	395	100.0	2.2	70.6	26.5	.1	.6
10,000 to 29,999 pounds	957	100.0	20.5	63.9	14.8	.2	.6
30,000 to 59,999 pounds	4,451	100.0	41.6	52.2	4.6	1.3	.3
60,000 to 89,999 pounds	3,608	100.0	96.1	3.6	.3	-	-
90,000 pounds and over	7,470	100.0	96.7	1.9	-	1.4	-
1,000 miles and over	13,688	100.0	83.3	11.4	2.2	3.0	.1
Under 1,000 pounds	46	100.0	16.8	70.0	6.9	3.8	2.5
1,000 to 9,999 pounds	313	100.0	24.0	51.8	16.6	7.4	.2
10,000 to 29,999 pounds	715	100.0	44.6	37.7	14.2	3.5	-
30,000 to 59,999 pounds	2,819	100.0	56.6	33.6	4.4	5.4	-
60,000 to 89,999 pounds	2,674	100.0	93.1	4.4	.2	2.3	-
90,000 pounds and over	7,121	100.0	97.0	.5	.2	2.1	.2
TON-MILES	(millions of ton-miles)						
Total[1]	59,943	100.0	73.7	15.8	7.1	3.2	.2
Under 200 miles	6,032	100.0	46.8	21.5	30.8	.6	.3
Under 1,000 pounds	31	100.0	.9	50.1	47.8	-	1.2
1,000 to 9,999 pounds	344	100.0	1.2	39.2	59.4	.1	.1
10,000 to 29,999 pounds	934	100.0	2.6	28.5	68.3	.1	.5
30,000 to 59,999 pounds	2,296	100.0	24.9	33.0	41.5	.1	.5
60,000 to 89,999 pounds	916	100.0	88.2	9.7	2.0	-	.1
90,000 pounds and over	1,511	100.0	93.6	2.2	2.2	2.0	-
200 to 399 miles	10,281	100.0	61.5	18.0	10.6	9.7	.2
Under 1,000 pounds	37	100.0	1.6	64.8	32.1	-	1.5
1,000 to 9,999 pounds	299	100.0	1.0	47.5	51.1	-	.4
10,000 to 29,999 pounds	632	100.0	14.9	44.5	39.6	-	1.0
30,000 to 59,999 pounds	2,937	100.0	35.9	41.7	22.4	-	-
60,000 to 89,999 pounds	1,742	100.0	93.0	5.9	1.0	-	.1
90,000 pounds and over	4,634	100.0	76.5	1.7	.1	21.4	.3

See footnote at end of table.

TABLE 3. SHIPPER GROUP 02--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	7,607	100.0	77.1	15.8	6.4	0.6	0.1
Under 1,000 pounds	24	100.0	.6	82.9	12.8	-	3.7
1,000 to 9,999 pounds	167	100.0	3.6	53.6	42.0	-	.8
10,000 to 29,999 pounds	365	100.0	22.3	48.5	29.0	-	.2
30,000 to 59,999 pounds	2,114	100.0	46.3	39.9	13.6	-	.2
60,000 to 89,999 pounds	1,638	100.0	96.1	3.1	.8	-	-
90,000 pounds and over	3,299	100.0	97.9	.5	.2	1.4	-
600 to 999 miles	13,119	100.0	74.9	21.2	2.7	1.0	.2
Under 1,000 pounds	58	100.0	1.8	88.3	7.1	-	2.8
1,000 to 9,999 pounds	304	100.0	2.2	71.6	25.5	.1	.6
10,000 to 29,999 pounds	743	100.0	21.0	63.9	14.3	.2	.6
30,000 to 59,999 pounds	3,455	100.0	40.6	53.0	4.5	1.6	.3
60,000 to 89,999 pounds	2,778	100.0	95.8	3.8	.3	-	.1
90,000 pounds and over	5,781	100.0	96.7	1.9	-	1.4	-
1,000 miles and over	22,904	100.0	84.4	10.1	2.1	3.2	.2
Under 1,000 pounds	81	100.0	19.0	67.4	6.3	5.1	2.2
1,000 to 9,999 pounds	528	100.0	27.5	48.7	13.6	10.0	.2
10,000 to 29,999 pounds	1,208	100.0	48.2	34.3	13.4	4.1	-
30,000 to 59,999 pounds	4,348	100.0	59.0	30.8	4.5	5.7	-
60,000 to 89,999 pounds	4,331	100.0	93.1	4.3	.3	2.3	-
90,000 pounds and over	12,408	100.0	96.7	.5	.2	2.3	.3

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 02--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	155,371	100.0	56.1	19.1	21.8	-	2.8	0.1	0.1
New England	2,545	100.0	22.1	25.6	52.0	-	.3	-	-
Middle Atlantic	14,974	100.0	41.7	37.1	20.8	-	.3	-	.1
East North Central	38,346	100.0	64.1	19.4	16.1	-	-	.3	.1
West North Central	32,866	100.0	66.2	11.2	22.4	-	.1	-	.1
South Atlantic	11,583	100.0	44.3	19.7	33.5	-	2.2	.3	-
East South Central	6,690	100.0	55.7	5.6	38.7	-	-	-	-
West South Central	23,484	100.0	51.4	13.4	20.3	-	14.5	-	.4
Mountain	2,616	100.0	48.5	11.7	39.6	-	-	-	.2
Pacific[1]	22,267	100.0	52.9	28.3	15.7	-	3.0	-	.1
TON-MILES	(millions of ton-miles)								
U.S. total	62,983	100.0	73.7	15.9	7.2	-	3.1	-	.1
New England	534	100.0	43.9	39.0	15.5	-	1.6	-	-
Middle Atlantic	3,562	100.0	54.1	35.2	9.9	-	.7	-	.1
East North Central	14,401	100.0	76.8	17.2	5.8	-	-	.1	.1
West North Central	11,090	100.0	83.4	7.6	8.7	-	.3	-	-
South Atlantic	4,996	100.0	52.4	29.0	14.0	-	4.3	.2	.1
East South Central	1,536	100.0	77.5	6.7	15.8	-	-	-	-
West South Central	8,047	100.0	56.5	20.5	8.3	-	14.5	-	.2
Mountain	1,574	100.0	74.3	10.4	15.1	-	-	-	.2
Pacific[1]	17,243	100.0	83.4	10.6	2.8	-	3.0	-	.2

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 02--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	155,371	155,371	6,463	20,693	31,966	23,665	17,245	13,131	21,593	3,484	17,131
Ton-miles.....millions..	62,983	62,983	3,577	12,101	11,732	6,209	7,637	4,614	7,208	1,862	8,043
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	155,371	100.0	4.2	13.3	20.6	15.2	11.1	8.5	13.9	2.2	11.0
Shipments from--											
New England.....	2,545	100.0	68.3	19.4	3.9	.4	6.5	.4	.8	-	.3
Middle Atlantic.....	14,974	100.0	14.1	60.5	8.1	1.5	12.9	1.0	1.0	.1	.8
East North Central.....	38,346	100.0	3.5	15.0	47.7	10.1	8.4	9.4	3.6	.6	1.7
West North Central.....	32,866	100.0	1.1	4.0	22.4	51.6	3.4	5.4	7.4	1.5	3.2
South Atlantic.....	11,583	100.0	4.4	14.7	5.7	2.0	64.0	2.9	1.8	.6	3.9
East South Central.....	6,690	100.0	.1	1.7	5.0	1.2	24.1	57.3	9.6	.1	.9
West South Central.....	23,484	100.0	.6	1.5	6.8	3.4	4.6	12.9	67.6	1.1	1.5
Mountain.....	2,616	100.0	.2	3.7	20.2	10.1	2.3	.7	5.4	49.0	8.4
Pacific[2].....	22,267	100.0	1.2	8.0	8.2	5.5	3.0	1.6	3.4	5.3	63.8
TON-MILES	(millions)										
U.S. total.....	62,983	100.0	5.7	19.2	18.6	9.9	12.1	7.3	11.4	3.0	12.8
Shipments from--											
New England.....	534	100.0	19.5	30.5	14.0	2.3	22.7	1.9	5.7	.2	3.2
Middle Atlantic.....	3,562	100.0	16.1	34.2	14.8	5.3	13.9	2.8	5.1	.4	7.4
East North Central.....	14,401	100.0	7.3	24.2	20.3	8.2	13.6	9.4	7.3	1.6	8.1
West North Central.....	11,090	100.0	4.0	11.6	21.2	19.0	9.5	9.2	9.8	2.7	13.0
South Atlantic.....	4,996	100.0	10.1	18.9	10.4	4.8	24.7	3.4	3.8	2.4	21.5
East South Central.....	1,536	100.0	.3	6.6	6.0	3.7	30.8	30.4	14.0	.4	7.8
West South Central.....	8,047	100.0	2.3	5.1	15.9	5.3	8.5	10.5	42.9	2.6	6.9
Mountain.....	1,574	100.0	.6	12.2	36.6	12.4	7.6	1.8	4.9	16.1	7.8
Pacific[2].....	17,243	100.0	4.0	25.0	19.7	10.4	8.7	3.6	5.4	4.2	19.0

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 02--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	155,371	100.0	56.1	19.1	21.8	-	2.8	0.1	0.1
Middle Atlantic, total	14,974	100.0	41.7	37.1	20.8	-	.3	-	.1
Shipments to--									
New England	2,107	100.0	62.7	29.3	8.0	-	-	-	-
Middle Atlantic	9,077	100.0	37.5	37.0	25.3	-	-	-	.2
East North Central	1,216	100.0	46.0	39.5	11.6	-	2.9	-	-
West North Central	219	100.0	60.5	36.2	3.3	-	-	-	-
South Atlantic	1,925	100.0	30.2	45.3	24.3	-	.2	-	-
East North Central, total	38,346	100.0	64.1	19.4	16.1	-	-	.3	.1
Shipments to--									
New England	1,328	100.0	90.5	9.0	.4	-	-	-	.1
Middle Atlantic	5,738	100.0	86.5	9.9	3.6	-	-	-	-
East North Central	18,312	100.0	48.8	22.2	28.4	-	-	.5	.1
West North Central	3,879	100.0	62.7	27.9	9.3	-	-	-	.1
South Atlantic	3,216	100.0	73.3	20.7	6.0	-	-	-	-
East South Central	3,615	100.0	83.1	11.4	5.3	-	-	.1	.1
West South Central	1,376	100.0	71.3	26.2	1.8	-	-	.1	.6
Pacific	665	100.0	82.6	17.3	.1	-	-	-	-
West North Central, total	32,866	100.0	66.2	11.2	22.4	-	.1	-	.1
Shipments to--									
Middle Atlantic	1,328	100.0	96.5	2.6	.8	-	-	.1	-
East North Central	7,375	100.0	78.4	12.1	9.2	-	-	.2	.1
West North Central	16,965	100.0	51.2	13.9	34.7	-	-	-	.2
South Atlantic	1,101	100.0	91.2	7.3	1.5	-	-	-	-
West South Central	2,420	100.0	73.0	9.5	16.1	-	1.4	-	-
South Atlantic, total	11,583	100.0	44.3	19.7	33.5	-	2.2	.3	-
Shipments to--									
New England	505	100.0	40.6	41.9	7.5	-	10.0	-	-
Middle Atlantic	1,704	100.0	31.9	39.2	19.8	-	8.6	.5	-
East North Central	663	100.0	54.7	37.5	6.9	-	-	.9	-
South Atlantic	7,415	100.0	45.2	10.0	43.7	-	.8	.3	-
East South Central	331	100.0	46.1	21.2	32.7	-	-	-	-
West South Central, total	23,484	100.0	51.4	13.4	20.3	-	14.5	-	.4
Shipments to--									
East North Central	1,599	100.0	47.0	45.2	1.4	-	6.0	-	.3
West North Central	796	100.0	47.5	31.0	16.0	-	5.5	-	-
South Atlantic	1,086	100.0	60.9	35.3	2.3	-	1.5	-	-
East South Central	3,041	100.0	81.9	7.7	2.4	-	8.0	-	-
West South Central	15,880	100.0	44.6	8.3	27.9	-	18.6	-	.6
Pacific	345	100.0	53.8	36.4	8.5	-	1.0	-	.3
Pacific, total	22,267	100.0	52.9	28.3	15.7	-	3.0	-	.1
Shipments to--									
New England	269	100.0	93.8	3.8	1.2	-	1.2	-	-
Middle Atlantic	1,783	100.0	90.7	3.5	.2	-	4.8	-	.8
East North Central	1,834	100.0	95.1	4.6	.2	-	-	-	.1
West North Central	1,221	100.0	88.4	9.4	2.2	-	-	-	-
South Atlantic	670	100.0	92.5	5.5	1.3	-	.7	-	-
West South Central	747	100.0	85.4	12.9	1.7	-	-	-	-
Mountain	1,170	100.0	62.4	27.6	9.9	-	-	-	.1
Pacific	14,217	100.0	33.5	39.0	23.4	-	4.0	-	.1

See footnote at end of table.

TABLE 6. SHIPPER GROUP 02--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES	(millions of ton-miles)								
U.S. total	62,983	100.0	73.7	15.9	7.2	-	3.1	-	0.1
Middle Atlantic, total	3,562	100.0	54.1	35.2	9.9	-	.7	-	.1
Shipments to--									
New England	573	100.0	67.8	26.3	5.9	-	-	-	-
Middle Atlantic	1,218	100.0	50.9	35.0	13.8	-	-	-	.3
East North Central	526	100.0	49.6	35.7	11.2	-	3.4	0.1	-
West North Central	190	100.0	58.7	37.5	3.8	-	-	-	-
South Atlantic	496	100.0	32.7	54.9	11.6	-	.7	.1	-
East North Central, total	14,401	100.0	76.8	17.2	5.8	-	-	.1	.1
Shipments to--									
New England	1,054	100.0	90.1	9.4	.4	-	-	-	.1
Middle Atlantic	3,484	100.0	88.9	9.2	1.9	-	-	-	-
East North Central	2,917	100.0	59.5	21.8	18.4	-	-	.2	.1
West North Central	1,187	100.0	67.9	25.9	6.1	-	-	-	.1
South Atlantic	1,960	100.0	72.8	23.1	4.1	-	-	-	-
East South Central	1,348	100.0	86.5	9.2	4.1	-	-	.1	.1
West South Central	1,055	100.0	70.8	26.8	1.7	-	-	.1	.6
Pacific	1,169	100.0	82.8	17.0	.1	-	.1	-	-
West North Central, total	11,090	100.0	83.4	7.6	8.7	-	.3	-	-
Shipments to--									
Middle Atlantic	1,287	100.0	96.3	2.7	.9	-	-	.1	-
East North Central	2,349	100.0	84.2	9.8	5.7	-	-	.2	.1
West North Central	2,108	100.0	57.3	16.1	26.6	-	-	-	-
South Atlantic	1,054	100.0	90.5	7.5	2.0	-	-	-	-
West South Central	1,082	100.0	80.9	8.1	7.7	-	3.3	-	-
South Atlantic, total	4,996	100.0	52.4	29.0	14.0	-	4.3	.2	.1
Shipments to--									
New England	503	100.0	42.2	40.0	6.1	-	11.7	-	-
Middle Atlantic	944	100.0	37.3	35.7	10.6	-	15.8	.5	.1
East North Central	517	100.0	54.9	38.6	5.7	-	-	.8	-
South Atlantic	1,236	100.0	57.2	16.9	25.4	-	.4	.1	-
East South Central	170	100.0	60.0	21.2	18.8	-	-	-	-
West South Central, total	8,047	100.0	56.5	20.5	8.3	-	14.5	-	.2
Shipments to--									
East North Central	1,279	100.0	47.2	45.7	1.2	-	5.6	-	.3
West North Central	425	100.0	54.6	29.9	9.4	-	6.1	-	-
South Atlantic	681	100.0	58.6	37.5	2.9	-	1.0	-	-
East South Central	845	100.0	78.7	9.7	2.6	-	9.0	-	-
West South Central	3,449	100.0	49.9	9.2	14.0	-	26.5	-	.4
Pacific	556	100.0	57.8	32.9	7.8	-	1.2	-	.3
Pacific, total	17,243	100.0	83.4	10.6	2.8	-	3.0	-	.2
Shipments to--									
New England	693	100.0	93.8	3.8	1.2	-	1.2	-	-
Middle Atlantic	4,301	100.0	90.5	3.5	.1	-	5.0	-	.9
East North Central	3,401	100.0	95.2	4.5	.2	-	-	-	.1
West North Central	1,797	100.0	88.8	9.1	2.1	-	-	-	-
South Atlantic	1,494	100.0	92.6	5.4	1.3	-	.7	-	-
West South Central	926	100.0	84.5	13.7	1.8	-	-	-	-
Mountain	724	100.0	67.8	25.1	7.1	-	-	-	-
Pacific	3,280	100.0	53.6	27.7	10.2	-	8.5	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 02--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	155,371	61,245	67,714	26,412	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	62,983	17,198	30,320	15,465
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	56.1	45.3	61.4	67.3	73.7	61.0	76.1	82.6
Motor carrier.....	19.1	18.9	17.7	23.4	15.9	23.9	13.2	12.0
Private truck.....	21.8	35.2	14.9	7.8	7.2	13.5	5.8	3.1
Air.....	-	-	-	-	-	-	-	-
Water.....	2.8	.4	5.7	1.3	3.1	1.4	4.6	2.1
Other.....	.1	-	.2	.1	-	-	.1	.1
Unknown.....	.1	.2	.1	.1	.1	.2	.2	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	26.7	41.3	18.8	13.4	3.6	7.9	2.4	1.2
100 to 199 miles.....	17.8	20.5	17.3	13.1	6.4	10.5	5.6	3.3
200 to 299 miles.....	14.0	12.4	15.3	14.1	8.6	10.6	8.6	6.2
300 to 399 miles.....	10.0	4.6	13.9	12.2	8.3	5.6	10.5	7.2
400 to 499 miles.....	6.0	3.9	7.2	7.8	6.5	6.1	7.0	6.0
500 to 999 miles.....	16.2	11.7	17.3	23.9	28.5	30.8	27.1	29.0
1,000 miles and over.....	9.3	5.6	10.2	15.5	38.1	28.5	38.8	47.1

Table 8. SHIPPER GROUP 02--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	75.7	68.0	90.3	95.7
Highway facilities	74.6	74.6	73.3	85.8
Rail and highway facilities	56.0	50.3	65.4	81.5
Air facilities	66.3	68.1	61.6	72.6
Rail, highway, and air facilities	40.6	38.0	43.5	62.5
Water facilities	24.8	23.2	27.2	34.5
Rail, highway, air, and water facilities	12.8	10.6	15.2	32.1

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 021--Percent Distribution of Distance, by Means of Transport: 1967

Canned Fruits and Vegetables

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	17,229	100.0	51.3	23.6	22.4	-	2.5	-	0.2
Under 50 miles	1,187	100.0	5.0	33.2	56.6	-	4.5	-	.7
50 to 99 miles	1,389	100.0	6.6	30.8	58.0	-	4.5	-	.1
100 to 199 miles	1,797	100.0	19.3	40.7	39.9	-	.1	-	-
200 to 299 miles	1,723	100.0	32.5	36.7	30.8	-	-	-	-
300 to 399 miles	1,656	100.0	46.0	26.0	28.0	-	-	-	-
400 to 499 miles	569	100.0	43.5	34.0	22.2	-	-	-	.3
500 to 599 miles	812	100.0	62.7	19.4	17.9	-	-	-	-
600 to 799 miles	1,092	100.0	60.1	29.6	10.3	-	-	-	-
800 to 999 miles	1,339	100.0	59.5	29.9	6.0	-	4.6	-	-
1,000 to 1,199 miles	650	100.0	48.6	25.1	9.6	-	16.7	-	-
1,200 to 1,499 miles	650	100.0	81.4	8.5	6.6	-	3.5	-	-
1,500 to 1,999 miles	1,856	100.0	95.9	2.7	1.0	-	.3	-	.1
2,000 miles and over	2,509	100.0	87.3	4.2	3.3	-	4.6	-	.6
TON-MILES	(millions of ton-miles)								
Total	14,910	100.0	76.8	12.0	7.4	-	3.5	-	.3
Under 50 miles	34	100.0	5.4	31.1	57.5	-	5.3	-	.7
50 to 99 miles	101	100.0	6.3	30.6	58.6	-	4.4	-	.1
100 to 199 miles	261	100.0	20.0	41.3	38.5	-	.2	-	-
200 to 299 miles	444	100.0	33.8	35.8	30.4	-	-	-	-
300 to 399 miles	569	100.0	46.0	25.7	28.3	-	-	-	-
400 to 499 miles	254	100.0	43.7	33.7	22.3	-	-	-	.3
500 to 599 miles	449	100.0	63.4	19.0	17.6	-	-	-	-
600 to 799 miles	748	100.0	60.3	29.5	10.2	-	-	-	-
800 to 999 miles	1,224	100.0	59.6	29.7	5.9	-	4.8	-	-
1,000 to 1,199 miles	704	100.0	48.8	25.0	9.7	-	16.5	-	-
1,200 to 1,499 miles	886	100.0	82.3	8.2	6.4	-	3.1	-	-
1,500 to 1,999 miles	3,276	100.0	96.0	2.6	1.0	-	.3	-	.1
2,000 miles and over	5,960	100.0	87.0	4.2	3.2	-	5.0	-	.6

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 021--Percent Distribution of Weight, by Means of Transport: 1967

Canned Fruits and Vegetables

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	16,763	100.0	51.8	23.7	21.8	2.5	0.2
Under 1,000 pounds	74	100.0	2.2	48.9	46.7	1.2	1.0
Under 100 pounds	1	100.0	1.6	35.6	53.1	-	9.7
100 to 199 pounds	3	100.0	6.3	33.2	53.4	1.7	5.4
200 to 499 pounds	23	100.0	2.3	53.2	42.7	1.2	.6
500 to 999 pounds	47	100.0	1.9	48.3	48.3	1.1	.4
1,000 to 9,999 pounds	986	100.0	3.9	31.0	63.1	1.9	.1
1,000 to 1,999 pounds	99	100.0	3.9	38.0	54.8	3.2	.1
2,000 to 2,999 pounds	134	100.0	4.6	30.7	61.1	3.5	.1
3,000 to 3,999 pounds	107	100.0	3.3	39.6	55.6	1.4	.1
4,000 to 4,999 pounds	126	100.0	2.6	32.2	63.6	1.5	.1
5,000 to 9,999 pounds	520	100.0	4.2	27.7	66.7	1.3	.1
10,000 to 29,999 pounds	1,887	100.0	11.0	31.2	55.8	2.0	-
10,000 to 19,999 pounds	961	100.0	8.4	31.8	58.1	1.7	-
20,000 to 29,999 pounds	926	100.0	13.8	30.5	53.4	2.3	-
30,000 to 59,999 pounds	5,066	100.0	17.2	46.2	32.5	4.0	.1
30,000 to 39,999 pounds	2,102	100.0	13.8	46.3	38.4	1.4	.1
40,000 to 49,999 pounds	2,395	100.0	12.9	50.1	30.3	6.7	-
50,000 to 59,999 pounds	569	100.0	47.7	30.5	19.6	1.9	.3
60,000 to 89,999 pounds	2,930	100.0	84.0	10.4	4.9	.4	.3
60,000 to 69,999 pounds	612	100.0	71.2	16.6	10.6	.3	1.3
70,000 to 79,999 pounds	1,237	100.0	86.2	9.9	3.6	.3	-
80,000 to 89,999 pounds	1,081	100.0	88.7	7.5	3.2	.6	-
90,000 pounds and over	5,820	100.0	87.6	6.8	2.8	2.5	.3
TON-MILES	(millions of ton-miles)						
Total	14,608	100.0	77.3	11.8	7.2	3.4	.3
Under 1,000 pounds	30	100.0	8.6	47.4	37.5	5.4	1.1
Under 100 pounds	1	100.0	7.0	59.6	16.1	-	17.3
100 to 199 pounds	1	100.0	30.2	41.3	14.9	10.7	2.9
200 to 499 pounds	8	100.0	12.2	54.6	26.6	6.3	.3
500 to 999 pounds	20	100.0	6.3	45.3	43.3	4.7	.4
1,000 to 9,999 pounds	410	100.0	15.8	29.6	47.9	6.6	.1
1,000 to 1,999 pounds	49	100.0	13.2	31.8	42.1	12.8	.1
2,000 to 2,999 pounds	67	100.0	19.3	28.3	39.4	13.0	-
3,000 to 3,999 pounds	43	100.0	10.8	37.8	46.6	4.2	.6
4,000 to 4,999 pounds	48	100.0	12.7	31.1	51.0	5.2	-
5,000 to 9,999 pounds	203	100.0	17.0	27.5	51.6	3.8	.1
10,000 to 29,999 pounds	910	100.0	35.4	24.8	36.6	3.1	.1
10,000 to 19,999 pounds	440	100.0	28.6	29.2	39.9	2.2	.1
20,000 to 29,999 pounds	470	100.0	41.8	20.6	33.5	4.0	.1
30,000 to 59,999 pounds	2,779	100.0	38.5	38.6	15.0	7.9	-
30,000 to 39,999 pounds	950	100.0	34.2	42.3	21.4	2.1	-
40,000 to 49,999 pounds	1,379	100.0	27.7	43.9	14.1	14.3	-
50,000 to 59,999 pounds	450	100.0	80.9	14.6	3.9	.4	.2
60,000 to 89,999 pounds	2,613	100.0	90.0	7.2	2.0	.7	.1
60,000 to 69,999 pounds	531	100.0	87.8	8.1	4.1	-	-
70,000 to 79,999 pounds	1,088	100.0	89.3	8.1	1.5	1.0	.1
80,000 to 89,999 pounds	994	100.0	92.3	5.7	1.3	.7	-
90,000 pounds and over	7,866	100.0	95.0	1.3	.5	2.7	.5

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 021--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Canned Fruits and Vegetables

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	16,763	100.0	51.8	23.7	21.8	2.5	0.2
Under 200 miles	4,252	100.0	11.6	36.3	49.4	2.5	.2
Under 1,000 pounds	38	100.0	-	44.6	54.3	.2	.9
1,000 to 9,999 pounds	453	100.0	.2	31.0	67.6	1.1	.1
10,000 to 29,999 pounds	863	100.0	.3	29.8	67.3	2.6	-
30,000 to 59,999 pounds	1,896	100.0	2.3	42.4	53.1	2.1	.1
60,000 to 89,999 pounds	403	100.0	61.8	19.8	15.9	.5	2.0
90,000 pounds and over	599	100.0	32.6	40.8	20.1	6.5	-
200 to 399 miles	3,296	100.0	39.8	32.0	28.2	-	-
Under 1,000 pounds	15	100.0	.4	54.9	43.2	-	1.5
1,000 to 9,999 pounds	252	100.0	.7	31.2	68.0	-	.1
10,000 to 29,999 pounds	454	100.0	2.8	38.1	59.1	-	-
30,000 to 59,999 pounds	1,178	100.0	6.6	56.8	36.5	.1	-
60,000 to 89,999 pounds	469	100.0	79.8	12.1	8.1	-	-
90,000 pounds and over	928	100.0	90.9	7.5	1.6	-	-
400 to 599 miles	1,333	100.0	55.9	25.5	18.5	-	.1
Under 1,000 pounds	5	100.0	.3	61.7	36.9	-	1.1
1,000 to 9,999 pounds	93	100.0	3.7	31.5	64.8	-	-
10,000 to 29,999 pounds	124	100.0	7.2	41.4	51.4	-	-
30,000 to 59,999 pounds	367	100.0	17.0	59.6	23.0	-	.4
60,000 to 89,999 pounds	427	100.0	86.5	7.6	5.9	-	-
90,000 pounds and over	3.7	100.0	94.5	1.8	3.7	-	-
600 to 999 miles	2,314	100.0	60.2	29.4	7.8	2.6	-
Under 1,000 pounds	8	100.0	5.9	61.2	32.5	.3	.1
1,000 to 9,999 pounds	78	100.0	3.3	33.7	63.0	-	-
10,000 to 29,999 pounds	150	100.0	19.0	40.3	40.7	-	-
30,000 to 59,999 pounds	801	100.0	30.7	56.0	6.8	6.4	.1
60,000 to 89,999 pounds	741	100.0	87.3	11.1	1.5	-	.1
90,000 pounds and over	536	100.0	87.0	10.7	.7	1.6	-
1,000 miles and over	5,568	100.0	85.2	6.4	3.7	4.4	.3
Under 1,000 pounds	8	100.0	14.2	36.1	38.2	10.4	1.1
1,000 to 9,999 pounds	109	100.0	27.2	28.5	32.1	12.0	.2
10,000 to 29,999 pounds	297	100.0	52.4	15.8	26.5	5.1	.2
30,000 to 59,999 pounds	824	100.0	53.4	25.0	8.4	13.2	-
60,000 to 89,999 pounds	891	100.0	92.1	6.0	.7	1.1	.1
90,000 pounds and over	3,439	100.0	95.9	.5	.3	2.8	.5
TON-MILES	(millions of ton-miles)						
Total[1]	14,608	100.0	77.3	11.8	7.2	3.4	.3
Under 200 miles	384	100.0	15.5	38.6	44.2	1.6	.1
Under 1,000 pounds	3	100.0	-	55.5	43.1	.1	1.3
1,000 to 9,999 pounds	38	100.0	.2	34.1	64.8	.8	.1
10,000 to 29,999 pounds	73	100.0	.4	39.0	59.2	1.4	-
30,000 to 59,999 pounds	181	100.0	2.9	47.4	48.4	1.3	-
60,000 to 89,999 pounds	43	100.0	73.5	14.6	11.2	.2	.5
90,000 pounds and over	46	100.0	48.5	28.5	17.8	5.2	-
200 to 399 miles	988	100.0	41.4	30.6	28.0	-	-
Under 1,000 pounds	5	100.0	.4	54.2	43.7	-	1.7
1,000 to 9,999 pounds	77	100.0	.8	29.7	69.4	-	.1
10,000 to 29,999 pounds	134	100.0	2.8	37.4	59.8	-	-
30,000 to 59,999 pounds	338	100.0	7.0	55.8	37.1	.1	-
60,000 to 89,999 pounds	140	100.0	79.8	12.0	8.2	-	-
90,000 pounds and over	294	100.0	91.2	7.3	1.5	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 021--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Canned Fruits and Vegetables

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	679	100.0	57.4	24.4	18.1	-	0.1
Under 1,000 pounds	3	100.0	.3	60.5	38.3	-	.9
1,000 to 9,999 pounds	46	100.0	3.7	31.6	64.7	-	-
10,000 to 29,999 pounds	60	100.0	7.3	41.2	51.5	-	-
30,000 to 59,999 pounds	181	100.0	17.3	58.6	23.7	-	.4
60,000 to 89,999 pounds	220	100.0	87.0	7.2	5.8	-	-
90,000 pounds and over	169	100.0	95.1	1.6	3.3	-	-
600 to 999 miles	1,873	100.0	60.3	29.1	7.5	3.1	-
Under 1,000 pounds	7	100.0	6.5	60.1	33.0	.3	.1
1,000 to 9,999 pounds	61	100.0	3.5	34.0	62.4	.1	-
10,000 to 29,999 pounds	120	100.0	20.0	40.1	39.9	-	-
30,000 to 59,999 pounds	649	100.0	30.5	55.6	6.2	7.7	-
60,000 to 89,999 pounds	601	100.0	87.1	11.3	1.6	-	-
90,000 pounds and over	453	100.0	87.5	10.2	.5	1.8	-
1,000 miles and over	10,684	100.0	87.0	5.3	3.2	4.1	.4
Under 1,000 pounds	13	100.0	16.2	34.3	36.1	12.3	1.1
1,000 to 9,999 pounds	188	100.0	32.0	26.8	26.9	14.1	.2
10,000 to 29,999 pounds	523	100.0	55.5	14.1	25.1	5.2	.1
30,000 to 59,999 pounds	1,430	100.0	56.8	23.2	8.4	11.6	-
60,000 to 89,999 pounds	1,609	100.0	93.0	5.0	.8	1.1	.1
90,000 pounds and over	6,921	100.0	95.9	.3	.3	2.9	.6

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 021--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Canned Fruits and Vegetables

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	17,229	100.0	51.3	23.6	22.4	-	2.5	-	0.2
Middle Atlantic	1,791	100.0	17.9	53.8	28.0	-	.3	-	-
East North Central	2,276	100.0	47.7	24.8	27.5	-	-	-	-
West North Central	772	100.0	47.7	34.3	18.0	-	-	-	-
South Atlantic	2,461	100.0	38.9	30.4	21.0	-	9.7	-	-
West South Central	488	100.0	6.8	18.5	74.5	-	-	-	.2
Pacific[1]	8,728	100.0	68.8	13.8	15.0	-	2.1	-	.3
Balance of United States[2]	713	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	14,910	100.0	76.8	12.0	7.4	-	3.5	-	.3
Middle Atlantic	622	100.0	29.0	52.1	18.1	-	.8	-	-
East North Central	838	100.0	63.6	19.8	16.6	-	-	-	-
West North Central	376	100.0	59.9	28.7	11.4	-	-	-	-
South Atlantic	2,336	100.0	52.1	26.8	12.7	-	8.3	-	.1
West South Central	226	100.0	10.1	25.4	64.5	-	-	-	-
Pacific[1]	10,285	100.0	89.7	4.2	2.7	-	3.0	-	.4
Balance of United States[2]	227	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 021--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Canned Fruits and Vegetables

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	17,229	17,229	739	3,293	3,215	1,427	1,785	688	1,113	678	4,291
Ton-miles.....millions..	14,910	14,910	650	4,046	2,934	1,285	1,607	683	939	515	2,251
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	17,229	100.0	4.3	19.1	18.7	8.3	10.4	4.0	6.5	3.9	24.8
Shipments from--											
Middle Atlantic.....	1,791	100.0	13.4	48.7	12.0	3.4	16.2	2.9	2.0	.2	1.2
East North Central.....	2,276	100.0	1.9	11.6	54.7	14.6	6.2	4.4	4.0	1.6	1.0
West North Central.....	772	100.0	.7	5.7	23.5	36.8	6.7	3.9	16.9	4.6	1.2
South Atlantic.....	2,461	100.0	6.3	27.0	10.5	2.9	27.8	3.8	3.4	2.2	16.1
West South Central.....	488	100.0	.1	2.4	9.4	9.1	7.7	5.5	55.4	3.1	7.3
Pacific[2].....	8,728	100.0	1.6	15.0	14.2	7.1	5.6	3.3	5.6	5.8	41.8
Balance of U.S.[3].....	713	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	14,910	100.0	4.4	27.0	19.7	8.6	10.8	4.6	6.3	3.5	15.1
Shipments from--											
Middle Atlantic.....	622	100.0	11.4	22.5	14.7	8.7	20.8	5.8	7.3	.9	7.9
East North Central.....	838	100.0	4.4	17.9	26.8	15.3	11.0	5.9	9.8	4.4	4.5
West North Central.....	376	100.0	1.7	10.5	12.5	19.0	13.3	4.5	27.6	7.3	3.6
South Atlantic.....	2,336	100.0	7.2	21.2	10.1	3.3	7.9	2.3	3.5	4.3	40.2
West South Central.....	226	100.0	.3	5.5	14.2	9.0	11.4	3.9	26.2	6.1	23.4
Pacific[2].....	10,285	100.0	3.5	30.8	22.2	9.0	10.6	4.9	5.5	3.1	10.4
Balance of U.S.[3].....	227	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 021--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Canned Fruits and Vegetables

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	17,229	100.0	51.3	23.6	22.4	-	2.5	-	0.2
East North Central, total	2,276	100.0	47.7	24.8	27.5	-	-	-	-
Shipments to--									
Middle Atlantic	265	100.0	66.2	20.9	12.9	-	-	-	-
East North Central	1,248	100.0	33.1	27.0	39.9	-	-	-	-
West North Central	332	100.0	54.3	29.8	15.9	-	-	-	-
South Atlantic, total	2,461	100.0	38.9	30.4	21.0	-	9.7	-	-
Shipments to--									
Middle Atlantic	664	100.0	28.0	33.7	16.9	-	21.4	-	-
East North Central	259	100.0	49.9	39.3	10.6	-	-	0.2	-
South Atlantic	683	100.0	24.0	29.5	37.8	-	8.7	-	-
Pacific, total	8,728	100.0	68.8	13.8	15.0	-	2.1	-	.3
Shipments to--									
Middle Atlantic	1,310	100.0	91.5	1.4	-	-	6.0	-	1.1
East North Central	1,237	100.0	98.6	1.2	.1	-	-	-	.1
West North Central	619	100.0	95.0	2.8	2.2	-	-	-	-
South Atlantic	493	100.0	97.4	1.0	1.5	-	.1	-	-
West South Central	491	100.0	92.5	5.0	2.5	-	-	-	-
Mountain	510	100.0	72.0	11.7	16.3	-	-	-	-
Pacific	346	100.0	35.5	28.9	32.6	-	2.8	-	.2
TON-MILES	(millions of ton-miles)								
U.S. total	14,910	100.0	76.8	12.0	7.4	-	3.5	-	.3
East North Central, total	838	100.0	63.6	19.8	16.6	-	-	-	-
Shipments to--									
Middle Atlantic	150	100.0	71.8	17.7	10.5	-	-	-	-
East North Central	224	100.0	40.2	24.7	34.8	-	-	-	-
West North Central	128	100.0	57.4	30.4	12.2	-	-	-	-
South Atlantic, total	2,336	100.0	52.1	26.8	12.7	-	8.3	-	.1
Shipments to--									
Middle Atlantic	494	100.0	32.7	29.6	8.6	-	29.1	-	-
East North Central	237	100.0	52.2	39.5	8.2	-	-	.1	-
South Atlantic	185	100.0	39.4	36.4	21.3	-	2.9	-	-
Pacific, total	10,285	100.0	89.7	4.2	2.7	-	3.0	-	.4
Shipments to--									
Middle Atlantic	3,177	100.0	91.2	1.5	-	-	6.1	-	1.2
East North Central	2,283	100.0	98.7	1.1	.1	-	-	-	.1
West North Central	922	100.0	95.2	2.6	2.1	-	-	.1	-
South Atlantic	1,089	100.0	97.3	1.1	1.5	-	.1	-	-
West South Central	562	100.0	91.6	5.5	2.9	-	-	-	-
Mountain	320	100.0	75.2	12.2	12.6	-	-	-	-
Pacific	1,074	100.0	50.9	22.2	17.0	-	9.8	-	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 021--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Canned Fruits and Vegetables

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	17,229	3,939	8,970	4,320	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	14,910	2,694	7,298	4,918
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	51.3	31.1	46.2	80.4	76.8	53.3	76.0	91.0
Motor carrier.....	23.6	27.2	28.3	10.6	12.0	22.6	13.0	4.8
Private truck.....	22.4	37.0	23.3	7.1	7.4	17.8	7.0	2.2
Air.....	-	-	-	-	-	-	-	-
Water.....	2.5	4.6	1.9	1.9	3.5	6.2	3.4	2.0
Other.....	-	-	-	-	-	-	-	-
Unknown.....	.2	.1	.3	-	.3	.1	.6	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	14.9	19.8	16.3	7.8	.9	1.5	1.1	.3
100 to 199 miles.....	10.4	16.3	12.3	1.1	1.8	3.5	2.2	.2
200 to 299 miles.....	10.0	10.9	11.2	6.8	3.0	4.0	3.4	1.7
300 to 399 miles.....	9.6	5.4	8.8	15.1	3.8	2.7	3.8	4.5
400 to 499 miles.....	3.3	3.5	4.1	1.5	1.7	2.3	2.2	.6
500 to 999 miles.....	18.8	19.8	18.4	18.8	16.2	22.4	16.6	12.4
1,000 miles and over.....	33.0	24.3	28.9	48.9	72.6	63.6	70.7	80.3

Table 8. SHIPPER CLASS 021--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Canned Fruits and Vegetables

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	82.1	72.7	96.0	100.0
Highway facilities	77.8	80.0	72.8	94.4
Rail and highway facilities	62.7	56.4	70.1	94.4
Air facilities	58.6	60.0	55.6	67.0
Rail, highway, and air facilities	43.4	40.0	47.3	61.4
Water facilities	16.7	18.2	12.9	33.1
Rail, highway, air, and water facilities	14.1	16.4	9.2	27.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 8.5 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 022--Percent Distribution of Distance, by Means of Transport: 1967

Canned Specialties, Seafood, and Frozen Food

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	14,826	100.0	43.3	40.5	15.3	-	0.5	0.2	0.2
Under 50 miles	744	100.0	7.5	53.4	38.7	0.1	.2	-	.1
50 to 99 miles	1,274	100.0	17.4	57.4	24.3	-	.2	.3	.4
100 to 199 miles	2,211	100.0	30.0	50.4	19.4	-	-	.1	.1
200 to 299 miles	2,132	100.0	29.5	47.6	22.1	-	.3	-	.5
300 to 399 miles	1,767	100.0	42.3	37.7	19.4	-	-	.6	-
400 to 499 miles	1,019	100.0	51.6	34.7	13.5	-	-	.2	-
500 to 599 miles	765	100.0	53.1	32.0	14.7	.1	-	-	.1
600 to 799 miles	1,060	100.0	54.7	36.8	8.3	.1	-	.1	-
800 to 999 miles	750	100.0	39.7	53.8	5.3	-	.7	.4	.1
1,000 to 1,199 miles	721	100.0	54.5	41.6	1.2	-	2.1	.6	-
1,200 to 1,499 miles	585	100.0	70.2	26.8	3.0	-	-	-	-
1,500 to 1,999 miles	866	100.0	79.8	18.3	1.6	-	-	-	.3
2,000 miles and over	932	100.0	86.7	7.8	.8	-	4.6	-	.1
TON-MILES	(millions of ton-miles)								
Total	9,171	100.0	62.8	28.8	6.8	-	1.4	.1	.1
Under 50 miles	20	100.0	5.8	51.7	41.9	.1	.3	-	.2
50 to 99 miles	96	100.0	18.8	57.6	22.6	-	.2	.3	.5
100 to 199 miles	331	100.0	29.4	51.3	19.1	-	-	.1	.1
200 to 299 miles	545	100.0	29.7	47.4	22.2	-	.2	-	.5
300 to 399 miles	616	100.0	42.8	37.4	19.2	-	-	.6	-
400 to 499 miles	456	100.0	51.7	34.5	13.7	-	-	.1	-
500 to 599 miles	420	100.0	53.3	31.8	14.7	.1	-	-	.1
600 to 799 miles	732	100.0	54.4	37.3	8.1	.1	-	.1	-
800 to 999 miles	677	100.0	39.9	53.6	5.2	-	.8	.4	.1
1,000 to 1,199 miles	795	100.0	54.2	41.9	1.2	-	2.2	.5	-
1,200 to 1,499 miles	798	100.0	70.2	26.8	3.0	-	-	-	-
1,500 to 1,999 miles	1,511	100.0	80.2	18.1	1.5	-	-	-	.2
2,000 miles and over	2,174	100.0	86.6	7.7	.8	-	4.8	-	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 022--Percent Distribution of Weight, by Means of Transport: 1967

Canned Specialties, Seafood, and Frozen Food

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	13,835	100.0	44.2	40.7	14.2	0.9
Under 1,000 pounds	116	100.0	5.0	51.9	41.4	1.7
Under 100 pounds	2	100.0	3.0	44.9	45.1	7.0
100 to 199 pounds	7	100.0	7.2	50.4	40.2	2.2
200 to 499 pounds	40	100.0	6.6	50.1	41.5	1.8
500 to 999 pounds	67	100.0	3.9	53.4	41.4	1.3
1,000 to 9,999 pounds	898	100.0	5.2	55.3	38.7	.8
1,000 to 1,999 pounds	125	100.0	5.2	53.4	40.0	1.4
2,000 to 2,999 pounds	108	100.0	3.5	48.9	46.8	.8
3,000 to 3,999 pounds	116	100.0	5.6	51.9	41.9	.6
4,000 to 4,999 pounds	111	100.0	2.2	49.9	47.7	.2
5,000 to 9,999 pounds	438	100.0	6.2	59.8	33.1	.9
10,000 to 29,999 pounds	1,858	100.0	6.8	63.5	28.5	1.2
10,000 to 19,999 pounds	792	100.0	6.6	60.3	32.5	.6
20,000 to 29,999 pounds	1,066	100.0	7.0	65.9	25.5	1.6
30,000 to 59,999 pounds	5,624	100.0	21.6	59.6	18.0	.8
30,000 to 39,999 pounds	2,755	100.0	10.4	69.4	19.8	.4
40,000 to 49,999 pounds	2,136	100.0	18.8	59.3	20.7	1.2
50,000 to 59,999 pounds	733	100.0	72.5	23.6	3.6	.3
60,000 to 89,999 pounds	2,512	100.0	86.7	11.6	.8	.9
60,000 to 69,999 pounds	676	100.0	78.7	18.6	2.5	.2
70,000 to 79,999 pounds	1,017	100.0	89.3	9.3	.2	1.2
80,000 to 89,999 pounds	819	100.0	90.0	8.7	-	1.3
90,000 pounds and over	2,827	100.0	89.8	8.9	.1	1.2
	(millions of ton-miles)					
TON-MILES						
Total	8,425	100.0	63.4	28.4	6.4	1.8
Under 1,000 pounds	42	100.0	24.7	61.3	9.7	4.3
Under 100 pounds	1	100.0	15.1	62.4	8.9	13.6
100 to 199 pounds	3	100.0	29.9	57.4	7.7	5.0
200 to 499 pounds	14	100.0	32.2	57.0	7.1	3.7
500 to 999 pounds	24	100.0	20.1	64.1	11.3	4.5
1,000 to 9,999 pounds	448	100.0	18.0	63.4	16.2	2.4
1,000 to 1,999 pounds	49	100.0	22.8	58.7	14.2	4.3
2,000 to 2,999 pounds	45	100.0	14.4	61.1	22.7	1.8
3,000 to 3,999 pounds	50	100.0	20.1	62.3	15.2	2.4
4,000 to 4,999 pounds	50	100.0	9.9	72.4	17.6	.1
5,000 to 9,999 pounds	254	100.0	18.9	63.1	15.4	2.6
10,000 to 29,999 pounds	904	100.0	22.9	59.9	15.3	1.9
10,000 to 19,999 pounds	408	100.0	21.5	61.2	16.6	.7
20,000 to 29,999 pounds	496	100.0	24.1	59.0	14.1	2.8
30,000 to 59,999 pounds	2,899	100.0	41.3	46.2	11.1	1.4
30,000 to 39,999 pounds	1,297	100.0	19.7	65.9	13.7	.7
40,000 to 49,999 pounds	965	100.0	37.6	44.7	14.3	3.4
50,000 to 59,999 pounds	637	100.0	90.7	8.4	.8	.1
60,000 to 89,999 pounds	1,803	100.0	91.1	6.4	.3	2.2
60,000 to 69,999 pounds	525	100.0	91.1	7.8	.9	.2
70,000 to 79,999 pounds	700	100.0	90.7	6.7	.1	2.5
80,000 to 89,999 pounds	578	100.0	91.6	4.6	-	3.8
90,000 pounds and over	2,329	100.0	94.6	3.7	-	1.7

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 022--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Canned Specialties, Seafood, and Frozen Food

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	13,835	100.0	44.2	40.7	14.2	0.9
Under 200 miles	3,983	100.0	23.5	53.8	22.3	.4
Under 1,000 pounds	66	100.0	-	34.2	65.4	.4
1,000 to 9,999 pounds	376	100.0	.1	37.8	61.5	.6
10,000 to 29,999 pounds	756	100.0	.5	59.8	39.4	.3
30,000 to 59,999 pounds	1,743	100.0	6.5	75.1	17.8	.6
60,000 to 89,999 pounds	574	100.0	79.9	19.6	.3	.2
90,000 pounds and over	468	100.0	76.9	22.4	.5	.2
200 to 399 miles	3,717	100.0	36.5	43.3	19.5	.7
Under 1,000 pounds	20	100.0	3.7	76.8	18.0	1.5
1,000 to 9,999 pounds	187	100.0	.6	63.1	35.9	.4
10,000 to 29,999 pounds	400	100.0	1.5	66.0	29.9	2.6
30,000 to 59,999 pounds	1,732	100.0	13.8	56.1	29.8	.3
60,000 to 89,999 pounds	514	100.0	73.9	22.6	3.5	-
90,000 pounds and over	864	100.0	84.6	14.1	-	1.3
400 to 599 miles	1,681	100.0	55.0	34.1	10.8	.1
Under 1,000 pounds	7	100.0	.1	90.7	6.9	2.3
1,000 to 9,999 pounds	81	100.0	2.2	67.1	30.4	.3
10,000 to 29,999 pounds	201	100.0	2.9	69.8	26.5	.8
30,000 to 59,999 pounds	643	100.0	28.3	55.6	16.1	-
60,000 to 89,999 pounds	431	100.0	96.5	3.4	-	.1
90,000 pounds and over	318	100.0	99.8	-	-	.2
600 to 999 miles	1,746	100.0	48.9	43.7	6.9	.5
Under 1,000 pounds	11	100.0	.3	89.4	5.1	5.2
1,000 to 9,999 pounds	123	100.0	3.9	81.2	14.5	.4
10,000 to 29,999 pounds	260	100.0	6.4	74.5	18.1	1.0
30,000 to 59,999 pounds	685	100.0	28.5	62.8	8.0	.7
60,000 to 89,999 pounds	396	100.0	94.7	5.0	-	.3
90,000 pounds and over	271	100.0	96.0	3.7	-	.3
1,000 miles and over	2,708	100.0	75.8	20.1	1.7	2.4
Under 1,000 pounds	12	100.0	43.6	48.7	1.8	5.9
1,000 to 9,999 pounds	131	100.0	29.2	63.2	4.9	2.7
10,000 to 29,999 pounds	240	100.0	39.3	54.0	4.6	2.1
30,000 to 59,999 pounds	819	100.0	59.4	34.8	3.6	2.2
60,000 to 89,999 pounds	599	100.0	91.7	4.7	-	3.6
90,000 pounds and over	907	100.0	96.6	1.6	-	1.8
	(millions of ton-miles)					
TON-MILES						
Total[1]	8,425	100.0	63.4	28.4	6.4	1.8
Under 200 miles	419	100.0	27.8	53.4	18.4	.4
Under 1,000 pounds	4	100.0	-	51.1	48.6	.3
1,000 to 9,999 pounds	32	100.0	-	42.7	56.8	.5
10,000 to 29,999 pounds	70	100.0	.8	64.4	34.7	.1
30,000 to 59,999 pounds	180	100.0	7.7	74.0	17.8	.5
60,000 to 89,999 pounds	74	100.0	81.2	18.2	.4	.2
90,000 pounds and over	59	100.0	71.6	28.0	.3	.1
200 to 399 miles	1,106	100.0	37.9	42.2	19.2	.7
Under 1,000 pounds	6	100.0	4.0	77.3	17.3	1.4
1,000 to 9,999 pounds	55	100.0	.6	62.0	37.1	.3
10,000 to 29,999 pounds	120	100.0	1.6	63.8	31.6	3.0
30,000 to 59,999 pounds	500	100.0	13.8	56.4	29.6	.2
60,000 to 89,999 pounds	154	100.0	73.6	23.2	3.2	-
90,000 pounds and over	271	100.0	86.3	12.6	-	1.1

See footnote at end of table.

TABLE 3. SHIPPER CLASS 022--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Canned Specialties, Seafood, and Frozen Food

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	825	100.0	54.9	33.9	11.0	0.2
Under 1,000 pounds	4	100.0	.2	90.9	6.6	2.3
1,000 to 9,999 pounds	40	100.0	2.1	67.2	30.3	.4
10,000 to 29,999 pounds	98	100.0	2.9	69.9	26.5	.7
30,000 to 59,999 pounds	316	100.0	28.6	54.9	16.5	-
60,000 to 89,999 pounds	210	100.0	96.5	3.4	-	.1
90,000 pounds and over	157	100.0	99.8	-	-	.2
600 to 999 miles	1,354	100.0	47.7	45.1	6.5	.7
Under 1,000 pounds	8	100.0	.3	90.4	4.6	4.7
1,000 to 9,999 pounds	98	100.0	3.7	82.2	13.7	.4
10,000 to 29,999 pounds	204	100.0	6.8	75.4	16.7	1.1
30,000 to 59,999 pounds	539	100.0	27.4	64.3	7.5	.8
60,000 to 89,999 pounds	294	100.0	95.1	4.5	-	.4
90,000 pounds and over	211	100.0	95.2	4.4	-	.4
1,000 miles and over	4,721	100.0	78.5	17.2	1.5	2.8
Under 1,000 pounds	19	100.0	52.0	40.2	1.2	6.6
1,000 to 9,999 pounds	224	100.0	33.9	57.8	3.9	4.4
10,000 to 29,999 pounds	412	100.0	45.5	48.1	3.8	2.6
30,000 to 59,999 pounds	1,365	100.0	64.3	29.7	3.5	2.5
60,000 to 89,999 pounds	1,071	100.0	92.1	4.2	-	3.7
90,000 pounds and over	1,630	100.0	96.3	1.6	-	2.1

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 022--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Canned Specialties, Seafood, and Frozen Food

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	14,826	100.0	43.3	40.5	15.3	-	0.5	0.2	0.2
New England	610	100.0	31.6	45.2	23.2	-	-	-	-
Middle Atlantic	2,811	100.0	29.4	62.1	7.9	-	-	-	.6
East North Central	3,891	100.0	48.8	30.6	20.6	-	-	-	-
West North Central	629	100.0	36.2	43.8	17.4	-	-	2.6	-
South Atlantic	2,103	100.0	24.9	46.5	27.1	-	1.0	.4	.1
West South Central	850	100.0	46.9	27.6	25.2	0.1	-	-	.2
Pacific[1]	3,244	100.0	58.2	35.9	4.2	-	1.6	-	.1
Balance of United States[2]	688	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	9,171	100.0	62.8	28.8	6.8	-	1.4	.1	.1
New England	320	100.0	41.6	52.7	5.7	-	-	-	-
Middle Atlantic	940	100.0	51.4	44.5	3.6	-	.1	-	.4
East North Central	1,414	100.0	60.0	24.8	15.1	.1	-	-	-
West North Central	272	100.0	41.7	47.8	8.6	-	-	1.9	-
South Atlantic	1,458	100.0	38.4	46.8	12.6	-	1.5	.5	.2
West South Central	508	100.0	61.6	24.8	13.0	.1	.1	-	.4
Pacific[1]	3,559	100.0	76.3	18.9	1.8	-	3.0	-	-
Balance of United States[2]	700	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 022--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Canned Specialties, Seafood, and Frozen Food

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	14,826	14,826	1,043	3,057	3,163	1,498	2,137	668	968	346	1,946
Ton-miles.....millions..	9,171	9,171	728	1,909	1,591	1,076	1,298	377	658	263	1,271
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	14,826	100.0	7.0	20.7	21.4	10.1	11.4	4.5	6.5	2.3	13.1
Shipments from--											
New England.....	610	100.0	30.1	25.8	12.4	1.7	24.8	1.3	3.1	.1	.7
Middle Atlantic.....	2,811	100.0	14.7	47.0	14.8	3.0	13.7	1.4	2.6	.1	2.7
East North Central.....	3,891	100.0	.8	11.7	47.0	12.0	14.9	7.1	3.2	.4	2.9
West North Central.....	629	100.0	1.5	2.4	21.6	44.4	5.4	3.6	9.9	10.1	1.1
South Atlantic.....	2,103	100.0	14.8	28.4	10.9	7.1	25.3	5.6	4.7	.6	2.6
West South Central.....	850	100.0	1.0	5.1	5.3	9.2	6.2	7.2	48.8	6.8	10.4
Pacific[2].....	3,244	100.0	2.6	11.3	9.6	11.5	4.8	2.2	3.8	5.6	48.6
Balance of U.S.[3].....	688	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	9,171	100.0	7.9	20.8	17.3	11.7	14.2	4.1	7.2	2.9	13.9
Shipments from--											
New England.....	320	100.0	6.7	21.5	17.9	3.8	33.7	3.0	9.5	.3	3.6
Middle Atlantic.....	940	100.0	11.7	18.4	18.2	6.8	14.2	2.6	9.2	.5	18.4
East North Central.....	1,414	100.0	1.5	14.0	23.0	12.0	21.3	6.2	6.6	1.1	14.3
West North Central.....	272	100.0	4.5	5.1	21.3	21.2	11.5	4.0	13.1	15.5	3.8
South Atlantic.....	1,458	100.0	22.0	23.6	13.5	10.5	10.8	3.7	5.7	1.4	8.8
West South Central.....	508	100.0	2.5	10.0	8.2	6.5	7.6	5.1	18.4	10.4	31.3
Pacific[2].....	3,559	100.0	6.1	24.3	16.3	15.0	10.1	3.6	5.2	3.4	16.0
Balance of U.S.[3].....	700	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 022--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Canned Specialties, Seafood, and Frozen Food

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	14,826	100.0	43.3	40.5	15.3	-	0.5	0.2	0.2
Middle Atlantic, total	2,811	100.0	29.4	62.1	7.9	-	-	-	.6
Shipments to--									
New England	412	100.0	54.1	38.7	7.2	-	-	-	-
Middle Atlantic	1,323	100.0	12.6	74.5	11.7	-	-	-	1.2
East North Central	417	100.0	31.6	63.6	4.8	-	-	-	-
South Atlantic	386	100.0	28.2	67.4	4.2	-	.2	-	-
East North Central, total	3,891	100.0	48.8	30.6	20.6	-	-	-	-
Shipments to--									
Middle Atlantic	456	100.0	66.5	15.3	18.1	0.1	-	-	-
East North Central	1,831	100.0	32.1	40.0	27.9	-	-	-	-
South Atlantic	579	100.0	65.9	19.0	15.1	-	-	-	-
South Atlantic, total	2,103	100.0	24.9	46.5	27.1	-	1.0	.4	.1
Shipments to--									
New England	310	100.0	37.6	55.4	2.3	-	4.7	-	-
Middle Atlantic	600	100.0	22.4	50.1	25.8	-	.9	.7	.1
South Atlantic	532	100.0	9.4	35.3	55.1	-	-	.2	-
Pacific, total	3,244	100.0	58.2	35.9	4.2	-	1.6	-	.1
Shipments to--									
Middle Atlantic	367	100.0	90.5	6.8	.6	-	2.1	-	-
East North Central	312	100.0	78.3	20.8	.9	-	-	-	-
West North Central	374	100.0	73.5	23.1	3.3	-	-	.1	-
South Atlantic	155	100.0	86.9	9.9	.7	-	2.5	-	-
West South Central	124	100.0	80.9	18.6	.5	-	-	-	-
Mountain	182	100.0	69.4	29.0	1.6	-	-	-	-
Pacific	1,576	100.0	34.4	56.0	7.0	-	2.5	-	.1
TON-MILES	(millions of ton-miles)								
U.S. total	9,171	100.0	62.8	28.8	6.8	-	1.4	.1	.1
Middle Atlantic, total	940	100.0	51.4	44.5	3.6	-	.1	-	.4
Shipments to--									
New England	110	100.0	54.1	40.8	5.1	-	-	-	-
Middle Atlantic	173	100.0	16.1	73.6	8.4	-	-	-	1.9
East North Central	171	100.0	35.6	58.8	5.6	-	-	-	-
South Atlantic	133	100.0	32.8	64.2	2.5	-	.5	-	-
East North Central, total	1,414	100.0	60.0	24.8	15.1	.1	-	-	-
Shipments to--									
Middle Atlantic	198	100.0	65.0	16.7	18.1	.2	-	-	-
East North Central	325	100.0	27.0	40.2	32.8	-	-	-	-
South Atlantic	301	100.0	69.2	19.1	11.7	-	-	-	-
South Atlantic, total	1,458	100.0	38.4	46.8	12.6	-	1.5	.5	.2
Shipments to--									
New England	321	100.0	43.1	50.5	1.2	-	5.2	-	-
Middle Atlantic	346	100.0	37.6	46.3	13.3	-	1.5	1.1	.2
South Atlantic	158	100.0	14.0	40.2	45.6	-	-	.2	-
Pacific, total	3,559	100.0	76.3	18.9	1.8	-	3.0	-	-
Shipments to--									
Middle Atlantic	868	100.0	90.5	6.8	.6	-	2.1	-	-
East North Central	580	100.0	78.4	20.7	.9	-	-	-	-
West North Central	532	100.0	73.3	23.2	3.5	-	-	-	-
South Atlantic	358	100.0	87.5	9.4	.7	-	2.4	-	-
West South Central	185	100.0	82.1	17.5	.4	-	-	-	-
Mountain	122	100.0	70.5	27.6	1.9	-	-	-	-
Pacific	568	100.0	41.4	41.0	3.7	-	13.8	-	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 022--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Canned Specialties, Seafood, and Frozen Food

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	14,826	1,352	6,517	6,957	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	9,171	878	4,992	3,301
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	43.3	23.2	46.3	44.6	62.8	46.1	68.1	59.2
Motor carrier.....	40.5	54.8	35.9	42.1	28.8	44.5	24.4	31.1
Private truck.....	15.3	20.9	17.4	12.2	6.8	6.9	7.0	6.5
Air.....	-	-	-	-	-	-	-	-
Water.....	.5	1.1	.2	.6	1.4	2.5	.3	2.8
Other.....	.2	-	.1	.2	.1	-	.1	.2
Unknown.....	.2	-	.1	.3	.1	-	.1	.2
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	13.6	17.1	11.5	14.9	1.3	1.1	.8	2.1
100 to 199 miles.....	14.9	16.6	10.1	19.1	3.6	4.0	2.1	5.8
200 to 299 miles.....	14.4	6.9	12.3	17.8	5.9	2.6	4.1	9.7
300 to 399 miles.....	11.9	5.3	10.6	14.4	6.7	2.8	4.8	10.6
400 to 499 miles.....	6.9	3.0	5.5	8.9	5.0	2.1	3.3	8.3
500 to 999 miles.....	17.4	27.3	19.5	13.5	19.9	33.7	18.0	19.2
1,000 miles and over.....	20.9	23.8	30.5	11.4	57.6	53.7	66.9	44.3

Table 8. SHIPPER CLASS 022--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Canned Specialties, Seafood, and Frozen Food

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	55.0	31.9	82.9	97.7
Highway facilities	72.9	67.1	80.3	81.7
Rail and highway facilities	41.1	18.7	68.6	79.4
Air facilities	61.6	65.9	54.6	64.1
Rail, highway, and air facilities	26.0	16.5	36.0	52.7
Water facilities	35.4	42.8	27.7	14.6
Rail, highway, air, and water facilities	6.0	3.3	9.1	12.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 023--Percent Distribution of Distance, by Means of Transport: 1967

Grain Mill Products and Beet and Cane Sugar

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	85,724	100.0	59.6	12.5	26.8	-	0.8	0.1	0.2
Under 50 miles	12,632	100.0	15.2	16.3	67.9	-	-	.2	.4
50 to 99 miles	15,039	100.0	27.2	18.3	51.3	-	2.7	.5	-
100 to 199 miles	16,446	100.0	58.3	14.2	27.1	-	-	.1	.3
200 to 299 miles	12,030	100.0	78.2	11.1	10.4	-	-	-	.3
300 to 399 miles	6,414	100.0	80.6	12.0	6.8	-	.4	.1	.1
400 to 499 miles	5,149	100.0	90.0	7.2	2.8	-	-	-	-
500 to 599 miles	4,315	100.0	85.5	7.1	5.2	-	2.0	-	.2
600 to 799 miles	6,446	100.0	90.6	6.8	1.2	-	1.2	-	.2
800 to 999 miles	3,418	100.0	93.3	5.5	.5	-	.7	-	-
1,000 to 1,199 miles	1,390	100.0	92.5	5.7	1.8	-	-	-	-
1,200 to 1,499 miles	1,240	100.0	89.3	7.2	.8	-	2.7	-	-
1,500 miles and over	1,205	100.0	94.9	1.9	.2	-	3.0	-	-
TON-MILES	(millions of ton-miles)								
Total	26,508	100.0	82.2	8.4	8.2	-	1.1	-	.1
Under 50 miles	408	100.0	16.3	15.6	67.4	-	-	.2	.5
50 to 99 miles	1,087	100.0	28.1	18.3	50.6	-	2.5	.5	-
100 to 199 miles	2,375	100.0	60.3	14.0	25.4	-	-	-	.3
200 to 299 miles	2,952	100.0	78.5	11.1	10.1	-	-	-	.3
300 to 399 miles	2,215	100.0	81.0	11.8	6.6	-	.4	.1	.1
400 to 499 miles	2,253	100.0	89.8	7.3	2.9	-	-	-	-
500 to 599 miles	2,375	100.0	85.8	7.0	5.0	-	2.0	-	.2
600 to 799 miles	4,488	100.0	90.5	6.9	1.2	-	1.2	-	.2
800 to 999 miles	3,035	100.0	93.5	5.4	.5	-	.6	-	-
1,000 to 1,199 miles	1,496	100.0	92.4	5.7	1.9	-	-	-	-
1,200 to 1,499 miles	1,643	100.0	89.0	7.3	.9	-	2.8	-	-
1,500 miles and over	2,181	100.0	94.6	1.7	.2	-	3.5	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 023--Percent Distribution of Weight, by Means of Transport: 1967

Grain Mill Products and Beet and Cane Sugar

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	79,904	100.0	60.3	12.1	26.3	1.3
Under 1,000 pounds	245	100.0	1.4	27.3	69.7	1.6
Under 50 pounds	1	100.0	.4	20.8	72.6	6.2
50 to 99 pounds	4	100.0	2.1	12.8	83.8	1.3
100 to 199 pounds	17	100.0	.2	11.5	86.2	2.1
200 to 499 pounds	66	100.0	.7	27.7	70.1	1.5
500 to 999 pounds	157	100.0	1.8	29.1	67.5	1.6
1,000 to 9,999 pounds	3,027	100.0	1.3	22.0	76.1	.6
1,000 to 1,999 pounds	289	100.0	.8	22.8	75.6	.8
2,000 to 2,999 pounds	501	100.0	1.5	19.9	77.9	.7
3,000 to 3,999 pounds	250	100.0	1.3	23.9	74.6	.2
4,000 to 4,999 pounds	335	100.0	1.7	25.1	72.1	1.1
5,000 to 9,999 pounds	1,652	100.0	1.3	21.6	76.4	.7
10,000 to 29,999 pounds	11,546	100.0	6.1	17.6	75.6	.7
10,000 to 19,999 pounds	6,416	100.0	2.1	16.1	80.9	.9
20,000 to 29,999 pounds	5,130	100.0	11.0	19.4	69.0	.6
30,000 to 59,999 pounds	26,045	100.0	38.7	24.9	35.8	.6
30,000 to 39,999 pounds	5,122	100.0	16.5	35.2	47.6	.7
40,000 to 49,999 pounds	13,996	100.0	25.9	27.8	45.5	.8
50,000 to 59,999 pounds	6,927	100.0	80.9	11.3	7.6	.2
60,000 to 89,999 pounds	14,470	100.0	96.8	2.2	.7	.3
60,000 to 69,999 pounds	5,100	100.0	95.8	3.4	.7	.1
70,000 to 79,999 pounds	4,246	100.0	95.4	3.2	.9	.5
80,000 to 89,999 pounds	5,124	100.0	98.7	.2	.5	.6
90,000 pounds and over	24,571	100.0	95.4	.4	1.5	2.7
TON-MILES	(millions of ton-miles)					
Total	24,573	100.0	82.2	8.3	8.3	1.2
Under 1,000 pounds	48	100.0	1.1	62.8	34.0	2.1
Under 50 pounds	-	-	-	-	-	-
50 to 99 pounds	1	100.0	3.6	21.2	68.2	7.0
100 to 199 pounds	2	100.0	.4	26.5	71.3	1.8
200 to 499 pounds	11	100.0	.5	62.8	35.4	1.3
500 to 999 pounds	34	100.0	1.3	66.3	30.1	2.3
1,000 to 9,999 pounds	361	100.0	1.9	39.0	54.9	4.2
1,000 to 1,999 pounds	46	100.0	1.3	51.7	44.6	2.4
2,000 to 2,999 pounds	70	100.0	2.4	35.3	60.0	2.3
3,000 to 3,999 pounds	23	100.0	2.2	38.1	56.9	2.8
4,000 to 4,999 pounds	41	100.0	1.7	41.8	48.6	7.9
5,000 to 9,999 pounds	181	100.0	1.9	36.8	56.8	4.5
10,000 to 29,999 pounds	1,227	100.0	23.9	25.8	48.9	1.4
10,000 to 19,999 pounds	524	100.0	6.3	28.4	62.7	2.6
20,000 to 29,999 pounds	703	100.0	36.9	23.9	38.8	.4
30,000 to 59,999 pounds	5,957	100.0	54.3	24.3	20.1	1.3
30,000 to 39,999 pounds	1,039	100.0	37.1	35.3	26.5	1.1
40,000 to 49,999 pounds	3,004	100.0	36.5	33.2	28.4	1.9
50,000 to 59,999 pounds	1,914	100.0	91.8	4.3	3.7	.2
60,000 to 89,999 pounds	5,302	100.0	98.0	1.1	.1	.8
60,000 to 69,999 pounds	1,654	100.0	98.0	1.9	.1	-
70,000 to 79,999 pounds	1,496	100.0	97.9	1.8	.2	.1
80,000 to 89,999 pounds	2,152	100.0	97.6	.2	.1	2.1
90,000 pounds and over	11,678	100.0	97.9	.4	.2	1.5

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 023--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Grain Mill Products and Beet and Cane Sugar

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	79,904	100.0	60.3	12.1	26.3	1.3
Under 200 miles	41,058	100.0	36.8	15.7	45.9	1.6
Under 1,000 pounds	174	100.0	1.7	14.0	82.5	1.8
1,000 to 9,999 pounds	2,614	100.0	1.3	17.9	80.4	.4
10,000 to 29,999 pounds	10,312	100.0	1.9	16.0	81.4	.7
30,000 to 59,999 pounds	16,170	100.0	26.2	25.1	48.0	.7
60,000 to 89,999 pounds	5,391	100.0	94.0	3.9	1.8	.3
90,000 pounds and over	6,397	100.0	87.1	.6	5.9	6.4
200 to 399 miles	17,573	100.0	79.6	10.7	9.4	.3
Under 1,000 pounds	33	100.0	.9	28.7	69.7	.7
1,000 to 9,999 pounds	245	100.0	1.3	39.4	58.9	.4
10,000 to 29,999 pounds	744	100.0	32.3	31.4	35.7	.6
30,000 to 59,999 pounds	5,700	100.0	53.7	25.0	21.3	-
60,000 to 89,999 pounds	4,362	100.0	97.9	2.0	-	.1
90,000 pounds and over	6,489	100.0	98.5	.5	-	1.0
400 to 599 miles	9,027	100.0	88.8	6.3	3.9	1.0
Under 1,000 pounds	11	100.0	.4	66.7	31.0	1.9
1,000 to 9,999 pounds	36	100.0	3.7	49.7	40.3	6.3
10,000 to 29,999 pounds	224	100.0	59.5	21.0	19.5	-
30,000 to 59,999 pounds	2,246	100.0	66.2	20.8	12.8	.2
60,000 to 89,999 pounds	2,137	100.0	98.9	1.1	-	-
90,000 pounds and over	4,373	100.0	98.1	-	-	1.9
600 to 999 miles	8,689	100.0	90.8	6.8	1.1	1.3
Under 1,000 pounds	26	100.0	.6	95.5	3.5	.4
1,000 to 9,999 pounds	107	100.0	1.4	69.4	27.4	1.8
10,000 to 29,999 pounds	178	100.0	49.8	38.9	11.3	-
30,000 to 59,999 pounds	1,396	100.0	68.1	28.0	3.0	.9
60,000 to 89,999 pounds	1,831	100.0	99.8	.2	-	-
90,000 pounds and over	5,151	100.0	97.5	.6	-	1.9
1,000 miles and over	3,557	100.0	91.7	5.3	1.1	1.9
Under 1,000 pounds	1	100.0	1.5	75.3	-	23.2
1,000 to 9,999 pounds	25	100.0	.3	44.8	37.1	17.8
10,000 to 29,999 pounds	87	100.0	44.2	39.3	11.4	5.1
30,000 to 59,999 pounds	534	100.0	65.8	25.9	3.5	4.8
60,000 to 89,999 pounds	750	100.0	95.9	-	-	4.1
90,000 pounds and over	2,160	100.0	99.7	.2	-	.1
TON-MILES	(millions of ton-miles)					
Total[1]	24,573	100.0	82.2	8.3	8.3	1.2
Under 200 miles	3,662	100.0	47.7	14.9	36.2	1.2
Under 1,000 pounds	10	100.0	2.7	18.9	77.5	.9
1,000 to 9,999 pounds	158	100.0	2.5	20.7	76.5	.3
10,000 to 29,999 pounds	642	10000	3.6	20.3	75.5	.6
30,000 to 59,999 pounds	1,545	100.0	31.8	23.2	44.3	.7
60,000 to 89,999 pounds	623	100.0	95.5	3.3	1.1	.1
90,000 pounds and over	684	100.0	92.4	.3	3.3	4.0
200 to 399 miles	4,913	100.0	80.2	10.6	8.8	.4
Under 1,000 pounds	9	100.0	1.0	30.4	67.8	.8
1,000 to 9,999 pounds	69	100.0	1.4	41.0	57.2	.4
10,000 to 29,999 pounds	203	100.0	33.0	32.1	34.2	.7
30,000 to 59,999 pounds	1,549	100.0	54.3	25.2	20.5	-
60,000 to 89,999 pounds	1,217	100.0	97.8	2.1	-	.1
90,000 pounds and over	1,866	100.0	98.5	.5	-	1.0

See footnote at end of table.

TABLE 3. SHIPPER CLASS 023--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Grain Mill Products and Beet and Cane Sugar

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	4,421	100.0	88.7	6.3	3.9	1.1
Under 1,000 pounds	5	100.0	.3	69.7	28.2	1.8
1,000 to 9,999 pounds	18	100.0	4.2	49.7	39.6	6.5
10,000 to 29,999 pounds	109	100.0	59.9	21.7	18.4	-
30,000 to 59,999 pounds	1,102	100.0	65.8	20.9	13.0	.3
60,000 to 89,999 pounds	1,059	100.0	98.9	1.1	-	-
90,000 pounds and over	2,128	100.0	97.8	-	-	2.2
600 to 999 miles	6,606	100.0	91.0	6.8	1.0	1.2
Under 1,000 pounds	21	100.0	.6	95.9	3.1	.4
1,000 to 9,999 pounds	77	100.0	1.4	71.3	25.4	1.9
10,000 to 29,999 pounds	132	100.0	51.9	37.4	10.7	-
30,000 to 59,999 pounds	1,050	100.0	67.8	28.4	2.9	.9
60,000 to 89,999 pounds	1,376	100.0	99.8	.2	-	-
90,000 pounds and over	3,950	100.0	97.5	.7	-	1.8
1,000 miles and over	4,971	100.0	91.7	4.9	.9	2.5
Under 1,000 pounds	2	100.0	1.2	70.0	-	28.8
1,000 to 9,999 pounds	39	100.0	.3	41.3	28.6	29.8
10,000 to 29,999 pounds	142	100.0	48.8	34.3	8.5	8.4
30,000 to 59,999 pounds	711	100.0	65.9	23.9	3.2	7.0
60,000 to 89,999 pounds	1,027	100.0	95.7	-	-	4.3
90,000 pounds and over	3,050	100.0	99.6	.2	-	.2

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 023--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Grain Mill Products and Beet and Cane Sugar

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	85,724	100.0	59.6	12.5	26.8	-	0.8	0.1	0.2
New England	1,459	100.0	23.8	16.8	59.4	-	-	-	-
Middle Atlantic	8,344	100.0	58.3	18.7	22.5	-	.4	-	.1
East North Central	24,649	100.0	69.6	12.1	17.8	-	-	.4	.1
West North Central	19,894	100.0	63.3	12.9	23.6	-	-	-	.2
South Atlantic	6,294	100.0	53.8	4.1	41.8	-	-	.3	-
East South Central	3,747	100.0	42.1	1.1	56.8	-	-	-	-
West South Central	11,611	100.0	57.1	9.4	30.8	-	1.9	-	.8
Mountain	2,010	100.0	44.9	5.3	49.8	-	-	-	-
Pacific[1]	7,716	100.0	46.9	24.4	23.2	-	5.5	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	26,508	100.0	82.2	8.4	8.2	-	1.1	-	.1
New England	143	100.0	59.8	15.1	25.1	-	-	-	-
Middle Atlantic	1,530	100.0	75.1	14.7	9.0	-	1.2	-	-
East North Central	8,800	100.0	88.3	7.0	4.5	-	-	.1	.1
West North Central	7,518	100.0	85.7	6.4	7.8	-	-	-	.1
South Atlantic	979	100.0	75.8	4.8	19.3	-	-	.1	-
East South Central	590	100.0	75.2	.9	23.9	-	-	-	-
West South Central	3,401	100.0	67.6	16.6	10.1	-	5.3	-	.4
Mountain	849	100.0	70.7	2.6	26.7	-	-	-	-
Pacific[1]	2,698	100.0	83.4	9.5	4.2	-	2.9	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 023--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Grain Mill Products and Beet and Cane Sugar

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	85,724	85,724	3,931	11,521	18,679	12,586	10,835	6,189	12,283	1,910	7,790
Ton-miles.....millions..	26,508	26,508	1,750	4,861	5,348	2,637	3,496	1,643	3,118	723	2,932
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	85,724	100.0	4.6	13.4	21.9	14.7	12.6	7.2	14.3	2.2	9.1
Shipments from--											
New England.....	1,459	100.0	85.3	14.3	.1	-	.1	-	-	-	.2
Middle Atlantic.....	8,344	100.0	14.9	67.6	5.4	.4	11.3	.3	-	-	.1
East North Central.....	24,649	100.0	4.1	16.9	50.6	10.5	6.0	6.8	3.0	.6	1.5
West North Central.....	19,894	100.0	1.6	5.5	20.9	46.9	4.9	5.9	10.6	.9	2.8
South Atlantic.....	6,294	100.0	.4	3.3	1.7	-	92.6	1.6	.4	-	-
East South Central.....	3,747	100.0	-	.1	1.0	.2	23.7	65.2	9.6	.1	.1
West South Central.....	11,611	100.0	.5	1.1	6.7	1.6	6.3	6.8	76.0	.1	.9
Mountain.....	2,010	100.0	-	-	21.0	10.2	-	-	5.5	61.9	1.4
Pacific[2].....	7,716	100.0	.4	.9	3.5	2.7	-	-	1.3	4.2	87.0
TON-MILES	(millions)										
U.S. total.....	26,508	100.0	6.6	18.3	20.2	9.9	13.2	6.2	11.8	2.7	11.1
Shipments from--											
New England.....	143	100.0	46.0	47.3	1.0	-	1.5	.2	-	-	4.0
Middle Atlantic.....	1,530	100.0	22.2	50.8	12.9	2.1	10.3	.9	.2	-	.6
East North Central.....	8,800	100.0	8.8	29.3	21.7	8.1	10.2	6.5	6.0	1.9	7.5
West North Central.....	7,518	100.0	5.3	14.2	21.7	17.3	12.1	6.7	11.3	1.3	10.1
South Atlantic.....	979	100.0	1.1	4.7	4.7	.2	82.0	5.4	1.9	-	-
East South Central.....	590	100.0	-	.7	2.8	.9	44.1	33.5	15.5	.9	1.6
West South Central.....	3,401	100.0	2.5	4.7	18.2	3.8	13.6	8.9	42.9	.3	5.1
Mountain.....	849	100.0	-	-	49.1	16.2	-	-	4.5	28.2	2.0
Pacific[2].....	2,698	100.0	2.8	6.2	18.6	11.7	-	-	5.0	7.7	48.0

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 023--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Grain Mill Products and Beet and Cane Sugar

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	85,724	100.0	59.6	12.5	26.8	-	0.8	0.1	0.2
Middle Atlantic, total	8,344	100.0	58.3	18.7	22.5	-	.4	-	.1
Shipments to--									
New England	1,242	100.0	84.8	10.7	4.5	-	-	-	-
Middle Atlantic	5,642	100.0	54.0	19.8	26.1	-	-	-	.1
South Atlantic	944	100.0	42.3	25.4	32.3	-	-	-	-
East North Central, total	24,649	100.0	69.6	12.1	17.8	-	-	.4	.1
Shipments to--									
Middle Atlantic	4,166	100.0	95.9	2.0	2.1	-	-	-	-
East North Central	12,462	100.0	52.0	15.2	32.0	-	-	.7	.1
West North Central	2,595	100.0	63.8	26.8	9.2	-	-	-	.2
South Atlantic	1,477	100.0	93.0	3.6	3.3	-	-	-	.1
East South Central	1,665	100.0	91.5	6.8	1.7	-	-	-	-
West North Central, total	19,894	100.0	63.3	12.9	23.6	-	-	-	.2
Shipments to--									
East North Central	4,159	100.0	72.6	14.1	13.2	-	-	-	.1
West North Central	9,350	100.0	43.3	18.6	37.8	-	-	-	.3
West South Central	2,099	100.0	75.5	8.4	16.1	-	-	-	-
West South Central, total	11,611	100.0	57.1	9.4	30.8	-	1.9	-	.8
Shipments to--									
West South Central	8,838	100.0	53.0	5.9	40.0	-	-	-	1.1
TON-MILES	(millions of ton-miles)								
U.S. total	26,508	100.0	82.2	8.4	8.2	-	1.1	-	.1
Middle Atlantic, total	1,530	100.0	75.1	14.7	9.0	-	1.2	-	-
Shipments to--									
New England	340	100.0	92.7	5.1	2.2	-	-	-	-
Middle Atlantic	777	100.0	72.9	15.8	11.3	-	-	-	-
South Atlantic	157	100.0	49.8	33.1	17.1	-	-	-	-
East North Central, total	8,800	100.0	88.3	7.0	4.5	-	-	.1	.1
Shipments to--									
Middle Atlantic	2,576	100.0	97.8	1.6	.6	-	-	-	-
East North Central	1,913	100.0	70.1	12.9	16.6	-	-	.3	.1
West North Central	712	100.0	72.5	23.1	4.2	-	-	-	.2
South Atlantic	898	100.0	94.6	2.6	2.7	-	-	-	.1
East South Central	573	100.0	91.0	7.0	1.9	-	-	-	.1
West North Central, total	7,518	100.0	85.7	6.4	7.8	-	-	-	.1
Shipments to--									
East North Central	1,633	100.0	84.9	8.5	6.4	-	-	-	.2
West North Central	1,304	100.0	58.4	17.7	23.8	-	-	-	.1
West South Central	847	100.0	86.6	5.4	8.0	-	-	-	-
West South Central, total	3,401	100.0	67.6	16.6	10.1	-	5.3	-	.4
Shipments to--									
West South Central	1,459	100.0	68.0	8.3	22.6	-	-	.1	1.0

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 023--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Grain Mill Products and Beet and Cane Sugar

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	85,724	37,833	34,074	13,817	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	26,508	7,385	12,284	6,839
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	59.6	42.3	71.4	77.9	82.2	69.0	85.6	90.4
Motor carrier.....	12.5	12.1	11.2	16.8	8.4	11.7	7.5	6.5
Private truck.....	26.8	45.3	15.6	3.8	8.2	18.9	5.6	1.2
Air.....	-	-	-	-	-	-	-	-
Water.....	.8	-	1.4	1.5	1.1	.1	1.2	1.9
Other.....	.1	-	.3	-	-	-	.1	-
Unknown.....	.2	.3	.1	-	.1	.3	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	32.3	49.4	21.3	12.9	5.6	13.4	3.4	1.3
100 to 199 miles.....	19.2	21.1	19.3	13.6	9.0	15.5	7.8	4.0
200 to 299 miles.....	14.0	12.4	15.7	14.2	11.1	15.2	10.9	7.1
300 to 399 miles.....	7.5	3.4	10.9	10.2	8.4	5.9	10.5	7.2
400 to 499 miles.....	6.0	3.9	7.0	9.4	8.5	8.7	8.4	8.5
500 to 999 miles.....	16.5	7.4	20.6	31.4	37.3	26.3	39.5	45.3
1,000 miles and over.....	4.5	2.4	5.2	8.3	20.1	15.0	19.5	26.6

Table 8. SHIPPER CLASS 023--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Grain Mill Products and Beet and Cane Sugar

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	95.1	94.8	95.5	97.5
Highway facilities	71.9	73.2	66.1	92.0
Rail and highway facilities	69.2	71.2	61.6	89.6
Air facilities	64.6	63.2	64.7	89.0
Rail, highway, and air facilities	51.5	51.5	47.6	81.6
Water facilities	19.1	13.4	27.8	57.7
Rail, highway, air, and water facilities	13.8	10.3	16.7	55.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.4 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 024--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Food Preparations and Kindred Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	37,592	100.0	55.1	23.8	12.4	-	8.6	0.1	-
Under 50 miles	3,162	100.0	42.8	25.1	32.0	-	-	.1	-
50 to 99 miles	6,041	100.0	51.2	26.0	22.8	-	-	-	-
100 to 199 miles	7,253	100.0	60.1	22.3	17.5	-	-	.1	-
200 to 299 miles	5,838	100.0	57.7	19.5	9.2	-	13.6	-	-
300 to 399 miles	5,624	100.0	39.0	15.4	3.1	-	42.4	-	0.1
400 to 499 miles	2,618	100.0	76.7	19.1	4.2	-	-	-	-
500 to 599 miles	984	100.0	42.8	47.6	9.5	-	-	.1	-
600 to 799 miles	2,441	100.0	60.4	37.7	1.7	-	-	.2	-
800 to 999 miles	1,771	100.0	63.7	33.8	2.2	-	-	-	.3
1,000 to 1,499 miles	1,392	100.0	75.5	21.4	.6	-	2.5	-	-
1,500 miles and over	468	100.0	60.3	38.0	.2	-	1.4	.1	-
TON-MILES	(millions of ton-miles)								
Total	12,394	100.0	59.4	26.7	5.4	-	8.4	.1	-
Under 50 miles	102	100.0	47.2	21.3	31.4	-	-	.1	-
50 to 99 miles	441	100.0	52.5	25.2	22.3	-	-	-	-
100 to 199 miles	1,047	100.0	59.5	23.5	16.9	-	-	.1	-
200 to 299 miles	1,445	100.0	56.6	18.7	9.0	-	15.7	-	-
300 to 399 miles	1,850	100.0	39.9	16.0	3.1	-	40.8	.1	.1
400 to 499 miles	1,146	100.0	76.6	19.2	4.2	-	-	-	-
500 to 599 miles	541	100.0	42.7	47.8	9.4	-	-	.1	-
600 to 799 miles	1,695	100.0	59.2	38.9	1.7	-	-	.2	-
800 to 999 miles	1,595	100.0	64.8	32.8	2.2	-	-	-	.2
1,000 to 1,499 miles	1,671	100.0	75.7	21.5	.6	-	2.2	-	-
1,500 miles and over	861	100.0	58.8	39.0	.2	-	1.9	.1	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 024--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Food Preparations and Kindred Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	37,252	100.0	55.6	23.9	11.7	8.7	0.1
Under 1,000 pounds	315	100.0	1.2	79.3	17.2	.2	2.1
Under 50 pounds	3	100.0	.4	33.6	34.0	-	32.0
50 to 99 pounds	9	100.0	1.6	49.8	23.4	-	25.2
100 to 199 pounds	24	100.0	.9	82.9	8.7	.1	7.4
200 to 499 pounds	101	100.0	.8	87.9	10.3	.1	.9
500 to 999 pounds	178	100.0	1.4	76.3	21.7	.2	.4
1,000 to 9,999 pounds	2,191	100.0	.8	69.6	29.3	.1	.2
1,000 to 1,999 pounds	312	100.0	.6	55.0	44.3	-	.1
2,000 to 2,999 pounds	276	100.0	.4	66.2	32.5	.4	.5
3,000 to 3,999 pounds	334	100.0	.4	83.6	15.8	-	.2
4,000 to 4,999 pounds	341	100.0	.4	77.9	21.7	-	-
5,000 to 9,999 pounds	928	100.0	1.3	67.5	30.9	.1	.2
10,000 to 29,999 pounds	3,049	100.0	6.3	46.7	46.7	-	.3
10,000 to 19,999 pounds	1,204	100.0	5.4	34.2	60.0	-	.4
20,000 to 29,999 pounds	1,845	100.0	6.9	55.0	37.9	-	.2
30,000 to 59,999 pounds	9,099	100.0	22.0	54.4	23.5	-	.1
30,000 to 39,999 pounds	3,386	100.0	16.0	67.0	16.7	-	.3
40,000 to 49,999 pounds	4,890	100.0	18.0	50.4	31.6	-	-
50,000 to 59,999 pounds	82.3	100.0	70.2	26.9	2.9	-	-
60,000 to 89,999 pounds	3,924	100.0	83.6	14.7	1.7	-	-
60,000 to 69,999 pounds	2,127	100.0	97.2	2.8	-	-	-
70,000 to 79,999 pounds	1,192	100.0	54.3	40.1	5.6	-	-
80,000 to 89,999 pounds	605	100.0	93.5	6.5	-	-	-
90,000 pounds and over	18,674	100.0	81.7	.9	.2	17.2	-
TON-MILES	(millions of ton-miles)						
Total	12,337	100.0	59.8	26.6	5.1	8.4	.1
Under 1,000 pounds	111	100.0	3.6	85.5	6.8	1.3	2.8
Under 50 pounds	1	100.0	1.5	46.8	4.9	-	46.8
50 to 99 pounds	3	100.0	.8	63.8	4.1	30.6	.7
100 to 199 pounds	11	100.0	1.3	89.7	2.1	.4	6.5
200 to 499 pounds	37	100.0	3.2	91.0	4.0	.4	1.4
500 to 999 pounds	59	100.0	4.5	83.3	9.5	2.0	.7
1,000 to 9,999 pounds	424	100.0	3.0	69.8	25.7	1.2	.3
1,000 to 1,999 pounds	78	100.0	2.9	70.6	26.0	.5	-
2,000 to 2,999 pounds	67	100.0	2.6	73.9	19.9	2.7	.9
3,000 to 3,999 pounds	62	100.0	3.0	80.9	15.0	.6	.5
4,000 to 4,999 pounds	49	100.0	1.5	69.1	29.4	-	-
5,000 to 9,999 pounds	168	100.0	3.7	63.6	30.8	1.6	.3
10,000 to 29,999 pounds	841	100.0	13.6	63.0	22.8	-	.6
10,000 to 19,999 pounds	241	100.0	21.4	40.0	38.1	-	.5
20,000 to 29,999 pounds	600	100.0	10.5	72.3	16.6	-	.6
30,000 to 59,999 pounds	3,515	100.0	30.2	60.7	9.0	-	.1
30,000 to 39,999 pounds	1,698	100.0	26.6	67.3	5.9	-	.2
40,000 to 49,999 pounds	1,461	100.0	23.0	62.4	14.5	.1	-
50,000 to 59,999 pounds	356	100.0	77.2	22.0	.8	-	-
60,000 to 89,999 pounds	1,687	100.0	89.4	10.2	.4	-	-
60,000 to 69,999 pounds	850	100.0	97.7	2.3	-	-	-
70,000 to 79,999 pounds	529	100.0	75.0	23.6	1.4	-	-
80,000 to 89,999 pounds	308	100.0	91.1	8.9	-	-	-
90,000 pounds and over	5,759	100.0	81.2	1.0	-	17.8	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 024--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Food Preparations and Kindred Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total[1]	37,252	100.0	55.6	23.9	11.7	8.7	0.1
Under 200 miles	16,215	100.0	54.3	24.5	21.1	-	.1
Under 1,000 pounds	175	100.0	-	74.5	24.4	-	1.1
1,000 to 9,999 pounds	1,581	100.0	.1	71.6	28.2	-	.1
10,000 to 29.999 pounds	1,771	100.0	.6	36.5	62.8	-	.1
30,000 to 59,999 pounds	3,859	100.0	13.2	42.1	44.6	-	.1
60,000 to 89,999 pounds	1,739	100.0	74.5	21.9	3.6	-	-
90,000 pounds and over	7,090	100.0	98.6	.8	.6	-	-
200 to 399 miles	11,385	100.0	48.9	17.5	5.7	27.9	-
Under 1,000 pounds	60	100.0	1.8	80.4	15.9	-	1.9
1,000 to 9,999 pounds	345	100.0	1.1	57.7	40.6	-	.6
10,000 to 29,999 pounds	618	100.0	11.7	49.2	38.6	-	.5
30,000 to 59,999 pounds	1,986	100.0	21.9	65.2	12.9	-	-
60,000 to 89,999 pounds	821	100.0	86.9	12.6	.5	-	-
90,000 pounds and over	7,555	100.0	57.3	.6	-	42.1	-
400 to 599 miles	3,592	100.0	67.5	26.7	5.7	-	.1
Under 1,000 pounds	26	100.0	1.1	90.2	3.5	-	5.2
1,000 to 9,999 pounds	130	100.0	4.4	60.5	35.1	-	-
10,000 to 29,999 pounds	200	100.0	8.2	63.7	28.1	-	-
30,000 to 59,999 pounds	1,046	100.0	26.5	63.8	9.6	-	.1
60,000 to 89,999 pounds	287	100.0	89.3	10.7	-	-	-
90,000 pounds and over	1,903	100.0	98.4	1.6	-	-	-
600 to 999 miles	4,205	100.0	61.9	36.0	1.9	-	.2
Under 1,000 pounds	28	100.0	2.3	88.3	4.0	-	5.4
1,000 to 9,999 pounds	88	100.0	-	90.1	9.9	-	-
10,000 to 29,999 pounds	369	100.0	16.9	78.2	3.7	-	1.2
30,000 to 59,999 pounds	1,568	100.0	29.3	66.9	3.5	-	.3
60,000 to 89,999 pounds	641	100.0	96.0	4.0	-	-	-
90,000 pounds and over	1,511	100.0	97.0	3.0	-	-	-
1,000 miles and over	1,855	100.0	71.9	25.4	.5	2.2	-
Under 1,000 pounds	26	100.0	6.6	88.9	.4	1.7	2.4
1,000 to 9,999 pounds	47	100.0	14.5	78.0	2.2	4.9	.4
10,000 to 29,999 pounds	91	100.0	32.7	64.8	2.5	-	-
30,000 to 59,999 pounds	642	100.0	49.5	49.4	1.0	.1	-
60,000 to 89,999 ppunds	435	100.0	91.7	8.3	-	-	-
90,000 pounds and over	614	100.0	93.8	-	-	6.2	-
	(millions of ton-miles)						
TON-MILES							
Total[1]	12,337	100.0	59.8	26.6	5.1	8.4	.1
Under 200 miles	1,568	100.0	57.5	24.2	18.3	-	-
Under 1,000 pounds	13	100.0	.1	72.6	25.8	-	1.5
1,000 to 9,999 pounds	116	100.0	.1	65.1	34.7	-	.1
10,000 to 29,999 pounds	149	100.0	.3	41.9	57.8	-	-
30,000 to 59,999 pounds	390	100.0	15.8	46.2	37.9	-	.1
60,000 to 89,999 pounds	177	100.0	69.0	27.5	3.5	-	-
90,000 pounds and over	723	100.0	99.3	.3	.4	-	-
200 to 399 miles	3,275	100.0	47.5	17.2	5.3	30.0	-
Under 1,000 pounds	17	100.0	1.5	81.7	14.9	-	1.9
1,000 to 9,999 pounds	98	100.0	1.0	57.8	40.3	-	.9
10,000 to 29,999 pounds	176	100.0	12.2	51.1	36.0	-	.7
30,000 to 59,999 pounds	551	100.0	22.0	66.0	12.0	-	-
60,000 to 89,999 pounds	231	100.0	88.6	11.0	.4	-	-
90,000 pounds and over	2,202	100.0	54.8	.6	-	44.6	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 024--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Food Preparations and Kindred Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(millions of ton-miles)						
TON-MILES--Continued							
400 to 599 miles	1,682	100.0	65.8	28.2	5.9	-	0.1
Under 1,000 pounds	13	100.0	1.0	90.2	3.4	-	5.4
1,000 to 9,999 pounds	63	100.0	4.5	61.6	33.9	-	-
10,000 to 29,999 pounds	97	100.0	8.7	61.8	29.5	-	-
30,000 to 59,999 pounds	515	100.0	25.8	64.6	9.5	-	.1
60,000 to 89,999 pounds	149	100.0	89.2	10.8	-	-	-
90,000 pounds and over	845	100.0	98.3	1.7	-	-	-
600 to 999 miles	3,285	100.0	62.1	35.8	1.9	-	.2
Under 1,000 pounds	22	100.0	2.2	88.7	4.0	-	5.1
1,000 to 9,999 pounds	69	100.0	-	90.7	9.3	-	-
10,000 to 29,999 pounds	288	100.0	17.3	77.8	3.6	-	1.3
30,000 to 59,999 pounds	1,216	100.0	28.5	67.5	3.8	-	.2
60,000 to 89,999 pounds	506	100.0	95.8	4.2	-	-	-
90,000 pounds and over	1,184	100.0	97.5	2.5	-	-	-
1,000 miles and over	2,527	100.0	70.0	27.4	.5	2.1	-
Under 1,000 pounds	46	100.0	6.8	87.7	.5	3.1	1.9
1,000 to 9,999 pounds	77	100.0	11.4	79.5	1.7	6.8	.6
10,000 to 29,999 pounds	132	100.0	26.0	71.4	2.6	-	-
30,000 to 59,999 pounds	843	100.0	47.5	51.6	.8	.1	-
60,000 to 89,999 pounds	624	100.0	90.3	9.7	-	-	-
90,000 pounds and over	805	100.0	94.4	-	-	5.6	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 024--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Food Preparations and Kindred Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	37,592	100.0	55.1	23.8	12.4	-	8.6	0.1	-
Middle Atlantic	2,027	100.0	11.0	63.8	25.1	-	-	.1	-
East North Central	7,530	100.0	58.9	36.1	4.9	-	-	.1	-
West North Central	11,571	100.0	74.1	4.8	20.8	-	.3	-	-
South Atlantic	725	100.0	35.1	41.3	22.5	-	-	1.1	-
East South Central	2,451	100.0	81.1	11.0	7.9	-	-	-	-
West South Central	10,536	100.0	47.5	16.5	5.8	-	30.2	-	-
Pacific[1]	2,579	100.0	10.2	79.2	10.3	-	.2	.1	-
Balance of United States[2]	173	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	12,394	100.0	59.4	26.7	5.4	-	8.4	.1	-
Middle Atlantic	470	100.0	24.3	60.5	14.6	-	.3	.3	-
East North Central	3,349	100.0	57.2	40.1	2.6	-	-	.1	-
West North Central	2,925	100.0	84.0	4.2	10.6	-	1.2	-	-
South Atlantic	222	100.0	42.9	42.4	13.4	-	-	1.3	-
East South Central	804	100.0	86.3	10.4	3.3	-	-	-	-
West South Central	3,911	100.0	48.9	23.2	2.8	-	25.1	-	-
Pacific[1]	701	100.0	27.4	66.1	4.3	-	2.2	-	-
Balance of United States[2]	12	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 024--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Food Preparations and Kindred Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	37,592	37,592	749	2,822	6,908	8,155	2,488	5,587	7,229	549	3,105
Ton-miles.....millions..	12,394	12,394	450	1,284	1,860	1,211	1,236	1,910	2,493	360	1,590
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	37,592	100.0	2.0	7.5	18.4	21.6	6.6	14.9	19.2	1.5	8.3
Shipments from--											
Middle Atlantic.....	2,027	100.0	10.5	61.1	6.7	2.0	15.0	1.8	2.2	.1	.6
East North Central.....	7,530	100.0	3.3	11.3	36.9	6.4	13.5	21.0	5.5	.1	2.0
West North Central.....	11,571	100.0	.3	1.5	25.0	60.9	.4	4.7	1.1	1.9	4.2
South Atlantic.....	725	100.0	1.7	32.2	9.6	.8	51.6	2.7	.8	-	.6
East South Central.....	2,451	100.0	.1	4.2	11.4	2.4	18.8	50.8	10.0	-	2.3
West South Central.....	10,536	100.0	.7	1.6	7.0	4.7	2.5	20.6	60.3	1.5	1.1
Pacific[2].....	2,579	100.0	.7	1.4	.7	.8	.8	-	1.2	6.1	88.3
Balance of U.S.[3].....	173	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	12,394	100.0	3.6	10.4	15.0	9.8	10.0	15.4	20.1	2.9	12.8
Shipments from--											
Middle Atlantic.....	470	100.0	11.0	27.3	14.1	8.6	16.2	5.2	10.2	1.0	6.4
East North Central.....	3,349	100.0	6.5	16.8	13.6	5.3	19.9	19.1	10.6	.3	7.9
West North Central.....	2,925	100.0	1.0	5.8	20.9	23.1	2.1	16.7	3.3	4.7	22.4
South Atlantic.....	222	100.0	1.8	26.5	17.2	2.6	40.5	3.9	2.3	-	5.2
East South Central.....	804	100.0	.4	11.0	8.5	5.4	17.4	30.0	13.6	-	13.7
West South Central.....	3,911	100.0	2.3	4.8	15.0	6.2	3.9	13.0	47.0	3.4	4.4
Pacific[2].....	701	100.0	6.1	12.8	5.0	3.8	6.7	-	6.0	10.7	48.9
Balance of U.S.[3].....	12	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 024--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Food Preparations and Kindred Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	37,592	100.0	55.1	23.8	12.4	-	8.6	0.1	-
East North Central, total	7,530	100.0	58.9	36.1	4.9	-	-	.1	-
Shipments to--									
East North Central	2,772	100.0	52.2	40.2	7.5	-	-	.1	-
West North Central	484	100.0	61.0	30.1	8.8	-	-	.1	-
South Atlantic	1,020	100.0	50.1	45.6	4.3	-	-	-	-
West North Central, total	11,571	100.0	74.1	4.8	20.8	-	.3	-	-
Shipments to--									
West North Central	7,051	100.0	63.0	5.9	31.1	-	-	-	-
West South Central, total	10,536	100.0	47.5	16.5	5.8	-	30.2	-	-
Shipments to--									
West South Central	6,356	100.0	35.1	10.3	8.1	-	46.5	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	12,394	100.0	59.4	26.7	5.4	-	8.4	.1	-
East North Central, total	3,349	100.0	57.2	40.1	2.6	-	-	.1	-
Shipments to--									
East North Central	455	100.0	47.3	45.0	7.6	-	-	.1	-
West North Central	176	100.0	59.5	31.0	9.3	-	-	.2	-
South Atlantic	669	100.0	45.4	52.8	1.8	-	-	-	-
West North Central, total	2,925	100.0	84.0	4.2	10.6	-	1.2	-	-
Shipments to--									
West North Central	676	100.0	58.3	9.9	31.8	-	-	-	-
West South Central, total	3,911	100.0	48.9	23.2	2.8	-	25.1	-	-
Shipments to--									
West South Central	1,838	100.0	37.2	8.6	4.5	-	49.7	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 024--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Food Preparations and Kindred Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	37,592	18,121	18,154	1,317	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	12,394	6,241	5,746	407
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	55.1	56.2	55.7	34.7	59.4	56.8	63.2	45.9
Motor carrier.....	23.8	28.5	18.2	35.5	26.7	36.1	15.9	34.4
Private truck.....	12.4	15.0	8.6	29.1	5.4	6.1	3.7	18.9
Air.....	-	-	-	-	-	-	-	-
Water.....	8.6	.2	17.5	-	8.4	.8	17.2	-
Other.....	.1	.1	-	.6	.1	.1	-	.7
Unknown.....	-	-	-	.1	-	.1	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	24.5	30.9	17.7	29.2	4.4	5.2	3.5	3.8
100 to 199 miles.....	19.3	20.5	18.5	14.9	8.4	8.5	8.5	7.0
200 to 299 miles.....	15.5	13.3	17.6	17.6	11.7	9.2	14.1	14.6
300 to 399 miles.....	15.0	6.7	23.3	13.1	14.9	6.7	23.9	14.2
400 to 499 miles.....	7.0	4.0	9.9	6.8	9.2	5.3	13.5	10.2
500 to 999 miles.....	13.8	17.7	9.8	15.5	31.0	39.2	21.8	33.5
1,000 miles and over.....	4.9	6.9	3.2	2.9	20.4	25.9	14.7	16.7

Table 8. SHIPPER CLASS 024--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Food Preparations and Kindred Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	67.8	61.2	87.5	83.8
Highway facilities	76.8	77.5	74.3	76.5
Rail and highway facilities	49.9	45.9	61.8	60.3
Air facilities	76.0	77.5	71.8	67.6
Rail, highway, and air facilities	38.7	36.7	43.9	51.4
Water facilities	27.4	23.5	39.1	39.7
Rail, highway, air, and water facilities	16.1	12.2	26.2	39.7

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.9 percent reported they did not have any of the above transportation facilities available.

Shipper Group 3

Candy, Beverages, and Tobacco Products

031 Candy and confectionery
032 Alcoholic beverages
033 Bottled and canned soft drinks and flavorings
034 Tobacco products

SAMPLE SIZE

The sample for this shipper group consisted of 819 establishments, of which 462 were in scope and provided data from 55,097 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (357 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 03 and their related SIC industries are as follows:

Shipper Class 031.--Candy and confectionery
- SIC 2071.--Candy and other confectionery products
- SIC 2072.--Chocolate and cocoa products
- SIC 2073.--Chewing gum

Shipper Class 032.--Alcoholic beverages
- SIC 2082.--Malt liquors
- SIC 2083.--Malt
- SIC 2084.--Wines, brandy, and brandy spirits
- SIC 2085.--Distilled, rectified, and blended liquors

Shipper Class 033.--Bottled and canned soft drinks and flavorings
- SIC 2086.--Bottled and canned soft drinks and carbonated waters
- SIC 2087.--Flavoring extracts and flavoring sirups, n.e.c.

Shipper Class 034.--Tobacco products
- SIC 2111.--Cigarettes
- SIC 2121.--Cigars
- SIC 2131.--Tobacco (chewing and smoking) and snuff
- SIC 2141.--Tobacco stemming and redrying

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
031–Candy and confectionery	2071	2071,2072,2073
032–Alcoholic beverages	2082,2083,2084,2085	2082,2083,2084,2085
033–Bottled and canned soft drinks and flavorings	2086,2087	2086,2087
034–Tobacco products	2111,2121,2131,2141	2111,2121,2131,2141

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 94 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total	
		Major commodities	Secondary commodities
Group 03	40,327	93.9	6.1
Class 031	4,931	81.5	18.5
Class 032	23,995	98.3	1.7
Class 033	9,587	88.3	11.7
Class 034	1,814	98.1	1.9

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Candy, Beverages, and Tobacco Products Shipper Group shipped about 40,327,000 tons of commodities (beyond the local area) during 1967. Those shipments generated nearly 15 billion ton-miles by all means of transport combined, averaging about 368 straight-line miles per ton shipped.

As shown in table A, somewhat more than half of the total tons shipped by this shipper group were by the Alcoholic Beverages Shipper Class. The Bottled and Canned Soft Drinks and Flavoring Class was second, having generated about one-fourth of the total tons.

Private trucks were the major means of transport for the shipper group as a whole, largely because of the dominance of private trucking for the Bottled and Canned Soft Drinks and Flavoring Class and the large volume hauled for the Alcoholic Beverages Class. Private truck was a minor means of transport for the two other classes in this shipper group.

Motor carriers (for-hire carriers) and railroads each transported about 12 million tons for the shipper group as a whole, with most of the rail tonnage and about half of the motor-carrier tonnage shipped by plants in the Alcoholic Beverages Class.

When measured in terms of ton-miles, rather than tons, rails become the dominant means of transport for the shipper group as a whole because of longer hauls by rail than by motor carrier or private truck. Of the 14.8 billion ton-miles for the shipper group, 8.4 billion were by rail, 3.8 billion by motor carrier and 2.2 billion by private truck.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (that is, beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. For this particular shipper group, plants with less than 20 employees in 1963 originated about 5 percent of the total intercity shipments by manufacturers.

Table B presents data for the shipper group and each shipper class for both years. A small decline in intercity shipments for the shipper group is indicated in the table, from 42.2 million tons in 1963 to 40.3 million in 1967. The decreases occurred in two shipper classes (033 and 034), which were partially offset by increases in the other two shipper classes (031 and 032).

As shown in table C, the rail share of the total tons shipped increased from 22.3 percent in 1963 to 30.2 percent in 1967 for the shipper group, and increased in each of the four shipper classes. The motor carrier share remained essentially unchanged for the shipper group, while the private truck share dropped. In terms of ton-miles, there was relatively little change in carrier shares between 1963 and 1967 for the shipper group as a whole.

There was a general tendency toward longer hauls for the shipper group and for each shipper class, except Candy and Confectionery. It should be noted that the average length of haul (table D) is based solely on *intercity* (that is, beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 03: Candy, beverages, and tobacco products..	40,327	12,175	11,922	15,809	421
Shipper Classes:					
031. Candy and confectionery.	4,931	1,105	3,616	159	51
032. Alcoholic beverages.....	23,995	9,717	5,585	8,507	186
033. Bottled and canned soft drinks and flavorings..	9,587	408	1,880	7,127	172
034. Tobacco products.....	1,814	945	841	16	12
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 03: Candy, beverages, and tobacco products..	14,835	8,395	3,805	2,224	411
Shipper Classes:					
031. Candy and confectionery.	2,635	991	1,508	69	67
032. Alcoholic beverages.....	9,394	6,355	1,336	1,458	246
033. Bottled and canned soft drinks and flavorings..	1,742	314	671	693	63
034. Tobacco products.....	1,064	735	290	4	35

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 03: Candy, beverages, and tobacco products.....	40,327	42,239	44,249
Shipper Classes:			
031. Candy and confectionery...	4,931	3,708	3,768
032. Alcoholic beverages.....	23,995	22,755	23,051
033. Bottled and canned soft drinks and flavorings....	9,587	13,404	15,054
034. Tobacco products.....	1,814	2,372	2,376

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 03: Candy, beverages, and tobacco products:					
1967	100.0	30.2	29.6	39.2	1.0
1963	100.0	22.3	29.8	45.7	2.2
Shipper Classes					
031. Candy and confectionery:					
1967	100.0	22.4	73.4	3.2	1.0
1963	100.0	21.4	69.9	6.8	1.9
032. Alcoholic beverages:					
1967	100.0	40.4	23.3	35.5	.8
1963	100.0	33.1	18.7	47.1	1.1
033. Bottled and canned soft drinks and flavorings:					
1967	100.0	4.3	19.6	74.3	1.8
1963	100.0	2.0	33.6	60.4	4.0
034. Tobacco products:					
1967	100.0	52.1	46.4	.9	.6
1963	100.0	48.0	50.0	.7	1.3
TON-MILES					
Shipper Group 03. Candy, beverages, and tobacco products:					
1967	100.0	56.6	25.6	15.0	2.8
1963	100.0	53.5	27.5	15.6	3.4
Shipper Classes					
031. Candy and confectionery:					
1967	100.0	37.6	57.3	2.6	2.5
1963	100.0	46.1	46.9	4.3	2.7
032. Alcoholic beverages:					
1967	100.0	67.7	14.2	15.5	2.6
1963	100.0	66.3	11.4	19.6	2.7
033. Bottled and canned soft drinks and flavorings:					
1967	100.0	18.0	38.5	39.9	3.6
1963	100.0	5.0	65.5	22.0	7.5
034. Tobacco products:					
1967	100.0	69.0	27.3	.4	3.3
1963	100.0	66.6	31.4	.2	1.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 03: Candy, beverages, and tobacco products:				
1967	368	690	319	141
1963	308	738	284	105
SHIPPER CLASSES				
031. Candy and confectionery:				
1967	534	898	417	434
1963	635	1,367	426	402
032. Alcoholic beverages:				
1967	391	654	239	171
1963	347	694	211	144
033. Bottled and canned soft drinks and flavorings:				
1967	182	770	357	97
1963	136	342	266	50
034. Tobacco products:				
1967	587	778	345	250
1963	495	688	311	118

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 and 1963

Shipper Group 03: Candy, Beverages, and Tobacco Products

Distance and Weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	32.2	30.8	35.8	1.2
1963	100.0	32.9	30.8	35.0	1.3
Distance (straight-line miles)					
Under 200 miles:					
1967	100.0	9.9	31.2	58.1	.8
1963	100.0	13.4	29.7	55.7	1.2
200 to 399 miles:					
1967	100.0	35.9	39.4	24.6	.1
1963	100.0	28.8	42.6	28.6	-
400 to 599 miles:					
1967	100.0	58.4	29.3	11.6	.7
1963	100.0	46.7	35.4	17.5	.4
600 miles and over:					
1967	100.0	68.9	22.5	5.6	3.0
1963	100.0	73.2	19.5	4.2	3.1
Weight					
Under 1,000 pounds:					
1967	100.0	2.1	72.5	24.3	1.1
1963	100.0	1.4	50.9	46.5	1.2
1,000 to 9,999 pounds:					
1967	100.0	2.8	56.7	39.2	1.3
1963	100.0	3.0	64.2	31.8	1.0
10,000 to 29,999 pounds:					
1967	100.0	6.0	44.9	48.0	1.1
1963	100.0	5.5	40.7	52.1	1.7
30,000 to 59,999 pounds:					
1967	100.0	10.3	35.5	53.0	1.2
1963	100.0	12.2	37.8	49.2	.8
60,000 pounds and over:					
1967	100.0	85.2	9.2	4.5	1.1
1963	100.0	90.5	4.3	3.3	1.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 03: Candy, Beverages, and Tobacco Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	30.2	29.6	39.2	1.0
1963	100.0	22.3	29.8	45.7	2.2
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	.7	14.7	83.8	.8
20 to 99 employees:					
1967	100.0	26.6	21.5	50.1	1.8
1963	100.0	3.0	50.4	40.2	6.4
100 to 499 employees:					
1967	100.0	22.0	31.3	45.8	.9
1963	100.0	26.1	25.1	47.2	1.6
500 employees and over:					
1967	100.0	38.7	32.6	28.0	.7
1963	100.0	32.8	24.4	42.4	.4

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 03: Candy, Beverages, and Tobacco Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	30.2	29.6	39.2	1.0
1963	100.0	22.3	29.8	45.7	2.2
Middle Atlantic:					
1967	100.0	11.1	39.0	49.1	.8
1963	100.0	10.1	31.5	56.6	1.8
East North Central:					
1967	100.0	31.5	29.0	38.3	1.2
1963	100.0	33.8	19.2	46.6	.4
West North Central:					
1967	100.0	44.3	11.5	44.0	.2
1963	100.0	34.6	9.0	56.1	.3
South Atlantic:					
1967	100.0	30.0	41.6	27.4	1.0
1963	100.0	17.0	52.3	23.8	6.9
Mountain and Pacific:					
1967	100.0	41.4	29.9	27.6	1.1
1963	100.0	23.7	29.9	43.9	2.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 03, CANDY, BEVERAGES, AND TOBACCO PRODUCTS		
Total shipments	40,327	5.4
Shipments by--		
Rail	12,175	9.2
Motor carrier	11,922	4.8
Private truck	15,809	6.2
All other	421	-
Shipments from--		
Middle Atlantic Division	9,591	6.6
East North Central Division	9,767	10.0
West North Central Division	3,590	10.0
South Atlantic Division	3,676	13.0
East South Central Division	3,351	38.4
West South Central Division	2,699	27.2
Mountain Division	1,102	7.8
Balance of United States	2,740	-
SHIPPER CLASS 031, CANDY AND CONFECTIONERY		
Total shipments	4,931	8.2
Shipments by--		
Rail	1,105	14.6
Motor carrier	3,616	8.4
Private truck	159	21.0
All other	51	-
Shipments from--		
New England Division	217	32.2
Middle Atlantic Division	2,676	11.6
East North Central Division	1,344	18.2
West North Central Division	98	46.2
South Atlantic Division	213	21.0
West South Central Division	77	43.4
Pacific Division	177	44.6
Balance of United States	129	-
SHIPPER CLASS 032, ALCOHOLIC BEVERAGES		
Total shipments	23,995	8.2
Shipments by--		
Rail	9,717	11.6
Motor carrier	5,585	8.2
Private truck	8,507	8.8
All other	186	-
SHIPPER CLASS 032, ALCOHOLIC BEVERAGES--Continued		
Shipments from--		
Middle Atlantic Division	4,121	8.4
East North Central Division	7,139	12.8
West North Central Division	2,717	8.4
South Atlantic Division	1,082	27.0
East South Central Division	2,236	56.2
West South Central Division	1,707	29.4
Pacific Division	3,752	23.0
Balance of United States	1,241	-
SHIPPER CLASS 033, BOTTLED AND CANNED SOFT DRINKS AND FLAVORINGS		
Total shipments	9,587	13.2
Shipments by--		
Rail	408	68.2
Motor carrier	1,880	15.8
Private truck	7,127	13.0
All other	172	-
Shipments from--		
New England Division	1,060	61.0
Middle Atlantic Division	2,782	19.4
East North Central Division	1,259	21.2
West North Central Division	765	34.2
South Atlantic Division	957	25.0
East South Central Division	702	62.0
West South Central Division	913	45.4
Mountain Division	165	46.8
Pacific Division	984	24.4
SHIPPER CLASS 034, TOBACCO PRODUCTS		
Total shipments	1,814	12.4
Shipments by--		
Rail	945	13.0
Motor carrier	841	14.2
Private truck	16	60.0
All other	12	-
Shipments from--		
South Atlantic Division	1,424	14.6
East South Central Division	341	30.6
Balance of United States	49	-

TABLE 1. SHIPPER GROUP 03--Percent Distribution of Distance, by Means of Transport: 1967

Candy, Beverages, and Tobacco Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	40,327	100.0	30.2	29.6	39.2	-	0.4	0.4	0.2
Under 50 miles	6,951	100.0	4.4	19.1	76.2	-	.2	-	.1
50 to 99 miles	5,996	100.0	7.0	30.7	61.3	-	-	1.0	-
100 to 199 miles	7,726	100.0	14.7	36.8	47.5	-	.1	.7	.2
200 to 299 miles	4,879	100.0	28.9	36.6	34.4	-	-	.1	-
300 to 399 miles	3,040	100.0	40.6	39.9	19.3	-	-	.2	-
400 to 499 miles	2,043	100.0	50.0	32.7	16.3	-	.1	.1	.8
500 to 599 miles	1,776	100.0	66.7	25.7	7.2	-	-	.2	.2
600 to 799 miles	3,333	100.0	67.7	23.5	6.6	0.1	1.0	.3	.8
800 to 999 miles	1,726	100.0	69.4	25.4	4.1	-	.5	.1	.5
1,000 to 1,199 miles	611	100.0	63.8	26.9	8.2	-	1.0	.1	-
1,200 to 1,499 miles	439	100.0	56.8	34.4	3.4	-	3.1	.1	2.2
1,500 to 1,999 miles	803	100.0	72.4	18.7	7.8	.6	.1	.2	.2
2,000 miles and over	1,004	100.0	79.1	9.8	2.0	-	8.9	.1	.1
TON-MILES	(millions of ton-miles)								
Total	14,835	100.0	56.6	25.6	15.0	.1	2.1	.2	.4
Under 50 miles	203	100.0	4.8	19.5	75.5	-	.1	-	.1
50 to 99 miles	456	100.0	8.0	29.8	61.0	-	-	1.2	-
100 to 199 miles	1,132	100.0	15.3	38.1	45.7	-	.1	.6	.2
200 to 299 miles	1,204	100.0	29.5	36.3	34.1	-	-	.1	-
300 to 399 miles	1,053	100.0	41.1	39.6	19.1	-	-	.2	-
400 to 499 miles	912	100.0	50.3	32.5	16.2	-	.1	.1	.8
500 to 599 miles	975	100.0	66.5	25.9	7.2	-	-	.2	.2
600 to 799 miles	2,319	100.0	67.7	23.3	6.7	.1	1.0	.3	.9
800 to 999 miles	1,516	100.0	69.3	25.5	4.0	-	.6	.1	.5
1,000 to 1,199 miles	654	100.0	63.6	27.2	8.0	-	1.1	.1	-
1,200 to 1,499 miles	585	100.0	56.9	34.5	3.5	-	3.0	.1	2.0
1,500 to 1,999 miles	1,448	100.0	73.2	18.0	7.8	.6	.1	.2	.1
2,000 miles and over	2,378	100.0	77.8	9.6	1.9	-	10.5	.1	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 03--Percent Distribution of Weight, by Means of Transport: 1967

Candy, Beverages, and Tobacco Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	35,531	100.0	32.2	30.8	35.8	1.2
Under 1,000 pounds	1,172	100.0	2.1	72.5	24.3	1.1
Under 50 pounds	12	100.0	.7	30.4	51.0	17.9
50 to 99 pounds	31	100.0	1.0	46.2	47.6	5.2
100 to 199 pounds	115	100.0	1.4	62.3	34.1	2.2
200 to 499 pounds	521	100.0	2.2	74.2	22.6	1.0
500 to 999 pounds	493	100.0	2.4	75.3	21.8	.5
1,000 to 9,999 pounds	1,856	100.0	2.8	56.7	39.2	1.3
1,000 to 1,999 pounds	438	100.0	3.5	75.3	20.1	1.1
2,000 to 2,999 pounds	260	100.0	2.8	69.8	25.4	2.0
3,000 to 3,999 pounds	189	100.0	2.4	59.8	36.3	1.5
4,000 to 4,999 pounds	164	100.0	1.7	51.4	45.8	1.1
5,000 to 9,999 pounds	805	100.0	2.8	42.6	53.4	1.2
10,000 to 29,999 pounds	3,701	100.0	6.0	44.9	48.0	1.1
10,000 to 19,999 pounds	1,540	100.0	4.0	35.1	58.8	2.1
20,000 to 29,999 pounds	2,161	100.0	7.5	52.0	40.1	.4
30,000 to 59,999 pounds	17,915	100.0	10.3	35.5	53.0	1.2
30,000 to 39,999 pounds	5,004	100.0	9.9	44.0	43.8	2.3
40,000 to 49,999 pounds	11,611	100.0	7.1	32.5	59.7	.7
50,000 to 59,999 pounds	1,300	100.0	40.3	30.5	28.7	.5
60,000 to 89,999 pounds	6,530	100.0	89.3	9.5	.4	.8
60,000 to 69,999 pounds	1,965	100.0	89.7	9.6	.6	.1
70,000 to 79,999 pounds	1,629	100.0	92.1	6.8	.4	.7
80,000 to 89,999 pounds	2,936	100.0	87.4	11.0	.3	1.3
90,000 pounds and over	4,357	100.0	79.1	8.7	10.5	1.7
TON-MILES	(millions of ton-miles)					
Total	13,750	100.0	57.9	25.6	13.6	2.9
Under 1,000 pounds	452	100.0	5.2	87.7	4.1	3.0
Under 50 pounds	3	100.0	2.9	41.9	8.1	47.1
50 to 99 pounds	8	100.0	2.9	75.5	8.5	13.1
100 to 199 pounds	37	100.0	4.3	86.2	4.8	4.7
200 to 499 pounds	210	100.0	5.0	89.5	3.3	2.2
500 to 999 pounds	194	100.0	5.7	87.3	4.6	2.4
1,000 to 9,999 pounds	689	100.0	8.5	70.3	17.4	3.8
1,000 to 1,999 pounds	192	100.0	8.4	77.7	9.1	4.8
2,000 to 2,999 pounds	114	100.0	6.2	79.2	12.0	2.6
3,000 to 3,999 pounds	66	100.0	4.9	76.9	15.3	2.9
4,000 to 4,999 pounds	51	100.0	6.8	56.5	32.8	3.9
5,000 to 9,999 pounds	266	100.0	10.7	62.1	23.4	3.8
10,000 to 29,999 pounds	981	100.0	17.6	56.7	21.5	4.2
10,000 to 19,999 pounds	369	100.0	13.3	52.7	25.9	8.1
20,000 to 29,999 pounds	612	100.0	20.2	59.3	18.8	1.7
30,000 to 59,999 pounds	4,808	100.0	28.8	36.8	30.7	3.7
30,000 to 39,999 pounds	1,380	100.0	22.1	53.1	19.9	4.9
40,000 to 49,999 pounds	2,713	100.0	19.6	33.8	42.9	3.7
50,000 to 59,999 pounds	715	100.0	76.9	16.2	5.0	1.9
60,000 to 89,999 pounds	4,331	100.0	94.6	4.2	.1	1.1
60,000 to 69,999 pounds	1,370	100.0	94.8	4.9	.1	.2
70,000 to 79,999 pounds	1,035	100.0	94.8	4.1	.1	1.0
80,000 to 89,999 pounds	1,926	100.0	94.3	3.8	-	1.9
90,000 pounds and over	2,489	100.0	88.9	5.5	1.6	4.0

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 03--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Candy, Beverages, and Tobacco Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	35,531	100.0	32.2	30.8	35.8	1.2
Under 200 miles	17,656	100.0	9.9	31.2	58.1	.8
Under 1,000 pounds	566	100.0	.1	51.0	48.5	.4
1,000 to 9,999 pounds	990	100.0	.5	39.7	59.1	.7
10,000 to 29,999 pounds	2,443	100.0	1.3	35.8	62.2	.7
30,000 to 59,999 pounds	11,290	100.0	1.7	31.6	65.6	1.1
60,000 to 89,999 pounds	868	100.0	70.2	27.0	2.8	-
90,000 pounds and over	1,499	100.0	60.7	10.6	28.6	.1
200 to 399 miles	6,871	100.0	35.9	39.4	24.6	.1
Under 1,000 pounds	213	100.0	1.3	95.7	1.8	1.2
1,000 to 9,999 pounds	338	100.0	1.1	78.1	20.0	.8
10,000 to 29,999 pounds	528	100.0	5.4	65.0	29.3	.3
30,000 to 59,999 pounds	3,449	100.0	14.1	44.3	41.5	.1
60,000 to 89,999 pounds	1,810	100.0	84.9	15.0	.1	-
90,000 pounds and over	533	100.0	76.3	17.9	5.7	.1
400 to 599 miles	3,491	100.0	58.4	29.3	11.6	.7
Under 1,000 pounds	122	100.0	2.3	94.3	1.6	1.8
1,000 to 9,999 pounds	174	100.0	3.4	79.0	15.7	1.9
10,000 to 29,999 pounds	261	100.0	21.6	65.2	12.9	.3
30,000 to 59,999 pounds	1,184	100.0	26.9	44.1	28.9	.1
60,000 to 89,999 pounds	1,271	100.0	95.5	3.1	-	1.4
90,000 pounds and over	479	100.0	92.0	8.0	-	-
600 to 999 miles	4,761	100.0	67.9	24.2	5.9	2.0
Under 1,000 pounds	172	100.0	6.1	91.1	1.2	1.6
1,000 to 9,999 pounds	180	100.0	7.4	77.1	13.1	2.4
10,000 to 29,999 pounds	285	100.0	19.6	64.2	13.2	3.0
30,000 to 59,999 pounds	1,236	100.0	38.3	42.7	17.5	1.5
60,000 to 89,999 pounds	1,531	100.0	94.0	4.5	.1	1.4
90,000 pounds and over	1,357	100.0	91.3	5.6	-	3.1
1,000 miles and over	2,752	100.0	70.5	19.5	5.2	4.8
Under 1,000 pounds	99	100.0	8.3	85.1	2.6	4.0
1,000 to 9,999 pounds	173	100.0	14.4	68.4	12.8	4.4
10,000 to 29,999 pounds	184	100.0	27.6	49.9	15.5	7.0
30,000 to 59,999 pounds	756	100.0	50.3	29.7	11.8	8.2
60,000 to 89,999 pounds	1,051	100.0	98.0	.8	-	1.2
90,000 pounds and over	489	100.0	92.1	1.8	-	6.1
TON-MILES	(millions of ton-miles)					
Total[1]	13,750	100.0	57.9	25.6	13.6	2.9
Under 200 miles	1,564	100.0	12.9	35.5	50.5	1.1
Under 1,000 pounds	40	100.0	.3	72.6	26.5	.6
1,000 to 9,999 pounds	74	100.0	.8	54.4	44.3	.5
10,000 to 29,999 pounds	184	100.0	1.2	53.1	44.4	1.3
30,000 to 59,999 pounds	1,023	100.0	2.3	34.7	61.7	1.3
60,000 to 89,999 pounds	105	100.0	80.5	17.8	1.7	-
90,000 pounds and over	138	100.0	65.7	11.1	23.1	.1
200 to 399 miles	1,969	100.0	37.7	39.1	23.0	.2
Under 1,000 pounds	61	100.0	1.3	95.6	1.8	1.3
1,000 to 9,999 pounds	95	100.0	1.2	78.9	19.1	.8
10,000 to 29,999 pounds	150	100.0	6.1	65.8	27.8	.3
30,000 to 59,999 pounds	968	100.0	15.6	44.6	39.6	.2
60,000 to 89,999 pounds	531	100.0	84.5	15.4	.1	-
90,000 pounds and over	164	100.0	80.2	14.9	4.8	.1

See footnote at end of table.

TABLE 3. SHIPPER GROUP 03--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Candy, Beverages, and Tobacco Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	1,721	100.0	59.2	29.0	11.1	0.7
Under 1,000 pounds	60	100.0	2.3	94.2	1.7	1.8
1,000 to 9,999 pounds	87	100.0	3.6	78.8	15.6	2.0
10,000 to 29,999 pounds	127	100.0	21.4	65.8	12.5	.3
30,000 to 59,999 pounds	573	100.0	27.6	44.0	28.2	.2
60,000 to 89,999 pounds	630	100.0	95.6	3.0	-	1.4
90,000 pounds and over	244	100.0	92.2	7.8	-	-
600 to 999 miles	3,610	100.0	67.9	24.3	5.8	2.0
Under 1,000 pounds	132	100.0	6.0	91.2	1.2	1.6
1,000 to 9,999 pounds	137	100.0	7.4	77.6	12.8	2.2
10,000 to 29,999 pounds	212	100.0	20.3	64.6	12.1	3.0
30,000 to 59,999 pounds	926	100.0	37.6	43.5	17.5	1.4
60,000 to 89,999 pounds	1,171	100.0	94.2	4.4	.1	1.3
90,000 pounds and over	1,032	100.0	91.5	5.6	-	2.9
1,000 miles and over	4,886	100.0	72.3	16.8	4.6	6.3
Under 1,000 pounds	157	100.0	8.3	83.0	2.6	6.1
1,000 to 9,999 pounds	296	100.0	14.6	65.7	12.9	6.8
10,000 to 29,999 pounds	310	100.0	29.5	45.8	14.8	9.9
30,000 to 59,999 pounds	1,318	100.0	53.6	24.6	10.2	11.6
60,000 to 89,999 pounds	1,893	100.0	97.9	.7	-	1.4
90,000 pounds and over	912	100.0	90.4	2.2	-	7.4

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 03--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Candy, Beverages, and Tobacco Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	40,327	100.0	30.2	29.6	39.2	-	0.4	0.4	0.2
Middle Atlantic	9,591	100.0	11.1	39.0	49.1	-	.6	.1	.1
East North Central	9,767	100.0	31.5	29.0	38.3	-	.3	.2	.7
West North Central	3,590	100.0	44.3	11.5	44.0	-	-	.1	.1
South Atlantic	3,676	100.0	30.0	41.6	27.4	-	.8	.1	.1
East South Central	3,351	100.0	45.6	23.9	30.3	-	.1	.1	-
West South Central	2,699	100.0	37.3	6.5	55.8	-	-	-	.4
Pacific[1]	4,913	100.0	38.7	31.8	28.2	0.1	1.2	-	-
Balance of United States[2]	2,740	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	14,835	100.0	56.6	25.6	15.0	.1	2.1	.2	.4
Middle Atlantic	2,358	100.0	33.7	44.0	17.9	-	4.2	.2	-
East North Central	3,581	100.0	53.5	28.2	16.0	-	.9	.3	1.1
West North Central	1,366	100.0	68.9	12.4	18.5	.1	-	.1	-
South Atlantic	1,513	100.0	52.4	28.2	15.9	-	3.1	.1	.3
East South Central	1,637	100.0	68.5	18.4	12.5	-	.4	.2	-
West South Central	580	100.0	49.8	12.6	35.6	-	-	-	2.0
Pacific[1]	2,659	100.0	68.7	18.0	8.6	.3	4.4	-	-
Balance of United States[2]	1,141	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER GROUP 03--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Candy, Beverages, and Tobacco Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	40,327	40,327	3,037	7,989	8,361	2,617	5,713	2,123	4,033	1,267	5,187
Ton-miles.....millions..	14,835	14,835	934	2,109	2,119	824	2,262	615	1,761	790	3,421
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	40,327	100.0	7.5	19.8	20.7	6.5	14.2	5.3	10.0	3.1	12.9
Shipments from--											
Middle Atlantic.....	9,591	100.0	14.7	56.6	8.7	1.0	14.5	.5	1.7	.2	2.1
East North Central.....	9,767	100.0	2.9	10.5	54.4	8.7	9.2	5.5	5.0	1.2	2.6
West North Central.....	3,590	100.0	3.0	5.3	26.8	36.5	11.2	4.2	7.0	4.7	1.3
South Atlantic.....	3,676	100.0	3.4	14.1	7.4	1.3	56.5	8.2	3.0	.9	5.2
East South Central.....	3,351	100.0	2.7	8.2	18.7	4.9	20.8	25.6	9.4	.8	8.9
West South Central.....	2,699	100.0	-	.1	.3	.5	2.3	6.5	88.7	1.1	.5
Pacific[2].....	4,913	100.0	1.1	4.5	4.8	1.0	1.0	.9	2.5	8.5	75.7
Balance of United States[3]	2,740	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	14,835	100.0	6.3	14.2	14.3	5.6	15.3	4.1	11.9	5.3	23.0
Shipments from--											
Middle Atlantic.....	2,358	100.0	10.5	20.4	14.4	3.6	18.2	1.5	8.8	1.5	21.1
East North Central.....	3,581	100.0	6.4	15.8	20.8	8.4	16.0	5.1	10.6	3.8	13.1
West North Central.....	1,366	100.0	8.0	11.2	19.1	11.8	20.6	4.5	9.3	10.7	4.8
South Atlantic.....	1,513	100.0	3.8	8.6	8.3	2.9	28.2	7.9	6.5	3.7	30.1
East South Central.....	1,637	100.0	4.5	9.4	6.9	6.3	17.3	4.5	13.5	2.1	35.5
West South Central.....	580	100.0	.3	.6	1.5	1.3	6.6	10.2	72.9	3.3	3.3
Pacific[2].....	2,659	100.0	5.0	20.2	16.6	2.7	4.2	2.9	6.7	8.5	33.2
Balance of United States[3]	1,141	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included in the Pacific Division.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER GROUP 03--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Candy, Beverages, and Tobacco Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	40,327	100.0	30.2	29.6	39.2	-	0.4	0.4	0.2
Middle Atlantic, total	9,591	100.0	11.1	39.0	49.1	-	.6	.1	.1
Shipments to--									
New England	1,406	100.0	8.4	66.5	25.1	-	-	-	-
Middle Atlantic	5,433	100.0	3.9	29.2	66.7	-	.1	-	.1
East North Central	830	100.0	32.1	46.6	21.0	-	-	.3	-
West North Central	93	100.0	50.8	44.4	4.1	-	-	.7	-
South Atlantic	1,387	100.0	13.7	44.7	41.0	-	.5	-	.1
West South Central	165	100.0	46.8	45.0	-	-	7.9	.2	.1
Pacific	305	100.0	59.5	25.4	.2	-	14.6	.2	.1
East North Central, total	9,767	100.0	31.5	29.0	38.3	-	.3	.2	.7
Shipments to--									
New England	283	100.0	76.8	18.7	1.2	-	-	-	3.3
Middle Atlantic	1,028	100.0	62.9	24.2	8.1	-	1.0	.1	3.7
East North Central	5,318	100.0	10.9	29.8	58.9	-	-	.2	.2
West North Central	851	100.0	36.1	41.4	22.2	-	-	.3	-
South Atlantic	898	100.0	72.2	21.1	5.4	-	1.1	-	.2
East South Central	536	100.0	32.9	22.8	43.3	-	-	.9	.1
West South Central	487	100.0	61.3	28.1	8.6	-	-	.5	1.5
Mountain	113	100.0	47.8	45.6	6.5	-	-	.1	-
Pacific	253	100.0	58.1	38.2	1.6	0.2	1.7	.2	-
West North Central, total	3,590	100.0	44.3	11.5	44.0	-	-	.1	.1
Shipments to--									
East North Central	963	100.0	32.4	26.0	41.5	-	-	-	.1
West North Central	1,313	100.0	12.4	5.9	81.4	-	-	.1	.2
South Atlantic, total	3,676	100.0	30.0	41.6	27.4	-	.8	.1	.1
Shipments to--									
New England	124	100.0	24.0	59.6	15.2	-	1.1	.1	-
Middle Atlantic	517	100.0	11.0	58.8	29.6	-	.6	-	-
East North Central	272	100.0	26.5	49.2	24.1	-	-	.2	-
South Atlantic	2,076	100.0	28.6	41.2	29.4	-	.8	-	-
East South Central	302	100.0	16.4	35.6	48.0	-	-	-	-
East South Central, total	3,351	100.0	45.6	23.9	30.3	-	.1	.1	-
Shipments to--									
East North Central	628	100.0	26.5	55.4	18.0	-	-	.1	-
West North Central	164	100.0	48.8	39.1	11.8	-	-	.3	-
South Atlantic	696	100.0	72.1	13.2	14.6	-	-	.1	-
East South Central	862	100.0	9.8	13.6	76.5	-	-	-	.1
West South Central	315	100.0	60.4	12.3	26.3	-	.5	.5	-
West South Central, total	2,699	100.0	37.3	6.5	55.8	-	-	-	.4
Shipments to--									
West South Central	2,393	100.0	34.6	5.1	60.3	-	-	-	-
Pacific, total	4,913	100.0	38.7	31.8	28.2	.1	1.2	-	-
Shipments to--									
Mountain	419	100.0	59.3	23.5	17.2	-	-	-	-
Pacific	3,724	100.0	26.5	38.1	33.7	-	1.6	-	.1

See footnote at end of table.

TABLE 6. SHIPPER GROUP 03--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Candy, Beverages, and Tobacco Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES	(millions of ton-miles)								
U.S. total	14,835	100.0	56.6	25.6	15.0	0.1	2.1	0.2	0.4
Middle Atlantic, total	2,358	100.0	33.7	44.0	17.9	-	4.2	.2	-
Shipments to--									
New England	247	100.0	12.4	66.0	21.5	-	-	.1	-
Middle Atlantic	481	100.0	4.5	38.6	56.9	-	-	-	-
East North Central	339	100.0	44.3	50.5	4.8	-	-	.4	-
West North Central	84	100.0	50.1	45.0	4.2	-	-	.7	-
South Atlantic	430	100.0	30.8	50.5	17.0	-	1.5	.1	.1
West South Central	206	100.0	46.1	45.4	-	-	8.2	.2	.1
Pacific	498	100.0	59.3	25.1	.1	-	15.2	.2	.1
East North Central, total	3,581	100.0	53.5	28.2	16.0	-	.9	.3	1.1
Shipments to--									
New England	229	100.0	78.1	17.7	.9	-	-	-	3.3
Middle Atlantic	567	100.0	71.3	19.3	3.7	-	1.3	.1	4.3
East North Central	746	100.0	14.8	30.6	54.0	-	-	.4	.2
West North Central	301	100.0	43.1	42.3	14.1	-	-	.5	-
South Atlantic	573	100.0	75.3	21.2	2.2	-	1.1	-	.2
East South Central	182	100.0	44.8	25.5	28.0	-	-	1.6	.1
West South Central	379	100.0	64.5	27.3	7.0	-	-	.3	.9
Mountain	137	100.0	47.1	47.3	5.5	-	-	.1	-
Pacific	467	100.0	57.8	36.2	1.6	.2	4.0	.2	-
West North Central, total	1,366	100.0	68.9	12.4	18.5	.1	-	.1	-
Shipments to--									
East North Central	260	100.0	36.0	28.1	35.8	-	-	-	.1
West North Central	161	100.0	26.7	9.5	63.6	-	-	.1	.1
South Atlantic, total	1,513	100.0	52.4	28.2	15.9	-	3.1	.1	.3
Shipments to--									
New England	57	100.0	26.5	60.1	10.7	-	2.6	.1	-
Middle Atlantic	131	100.0	17.3	62.4	17.9	-	2.3	.1	-
East North Central	126	100.0	28.0	56.1	15.7	-	-	.2	-
South Atlantic	427	100.0	36.6	33.6	27.2	-	2.5	.1	-
East South Central	119	100.0	19.0	28.3	52.7	-	-	-	-
East South Central, total	1,637	100.0	68.5	18.4	12.5	-	.4	.2	-
Shipments to--									
East North Central	114	100.0	38.1	50.2	11.6	-	-	.1	-
West North Central	103	100.0	60.5	29.9	9.3	-	-	.3	-
South Atlantic	284	100.0	80.1	12.6	7.1	-	-	.2	-
East South Central	74	100.0	25.8	25.3	48.7	-	-	-	.2
West South Central	221	100.0	57.6	11.4	30.0	-	.5	.5	-
West South Central, total	580	100.0	49.8	12.6	35.6	-	-	-	2.0
Shipments to--									
West South Central	423	100.0	51.5	6.8	41.7	-	-	-	-
Pacific, total	2,659	100.0	68.7	18.0	8.6	.3	4.4	-	-
Shipments to--									
Mountain	225	100.0	58.5	23.9	17.6	-	-	-	-
Pacific	885	100.0	39.6	38.3	9.1	-	13.0	-	-

NOTE: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER GROUP 03--Percent Distribution, by Means of Transport and Distance, for Plants: 1967

Candy, Beverages, and Tobacco Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	40,327	9,395	13,790	17,142	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	14,835	2,912	4,187	7,736
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	30.2	26.6	22.0	38.7	56.6	52.2	45.5	64.4
Motor carrier.....	29.6	21.5	31.3	32.6	25.6	28.0	29.9	22.4
Private truck.....	39.2	50.1	45.8	28.0	15.0	17.5	20.2	11.2
Air.....	-	-	-	-	.1	-	.1	.1
Water.....	.4	.3	.7	.3	2.1	1.6	3.9	1.3
Other.....	.4	1.4	.1	-	.2	.7	.1	.1
Unknown.....	.2	.1	.1	.4	.4	-	.3	.5
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	32.1	52.1	36.0	18.0	4.4	7.6	6.4	2.2
100 to 199 miles.....	19.2	11.0	25.7	18.4	7.6	5.0	12.1	6.2
200 to 299 miles.....	12.1	6.7	12.0	15.2	8.1	5.6	9.5	8.3
300 to 399 miles.....	7.5	5.7	6.9	9.0	7.1	6.3	7.9	6.9
400 to 499 miles.....	5.1	4.9	3.5	6.4	6.1	7.0	5.1	6.4
500 to 999 miles.....	16.9	12.2	9.8	25.3	32.4	27.3	22.6	39.7
1,000 miles and over.....	7.1	7.4	6.1	7.7	34.3	41.2	36.4	30.3

TABLE 8. SHIPPER GROUP 03--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Candy, Beverages, and Tobacco Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	47.2	35.0	65.3	84.5
Highway facilities.....	79.8	76.8	87.3	78.7
Rail and highway facilities.....	36.5	23.1	56.5	65.0
Air facilities.....	78.7	75.1	85.9	83.4
Rail, highway, and air facilities.....	30.8	19.3	49.6	59.6
Water facilities.....	25.5	23.2	27.8	36.9
Rail, highway, air, and water facilities.	11.3	5.2	20.0	30.6

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.4 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 031--Percent Distribution of Distance, by Means of Transport: 1967

Candy and Confectionery

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	4,931	100.0	22.4	73.4	3.2	-	0.6	0.1	0.3
Under 50 miles	240	100.0	4.1	88.4	6.6	-	.3	.2	.4
50 to 99 miles	315	100.0	7.2	90.2	2.5	-	-	-	.1
100 to 199 miles	1,132	100.0	4.3	93.1	1.8	-	-	-	.8
200 to 299 miles	575	100.0	9.8	85.8	4 1	-	-	.1	.2
300 to 399 miles	413	100.0	13.0	79.2	7.6	-	-	.1	.1
400 to 499 miles	273	100.0	22.9	70.9	6.0	-	-	.2	-
500 to 599 miles	368	100.0	52.1	45.1	2.4	-	-	.2	.2
600 to 799 miles	667	100.0	43.5	54.4	1.3	-	.5	.3	-
800 to 999 miles	317	100.0	30.5	67.1	2.3	-	-	.1	-
1,000 to 1,999 miles	130	100.0	23.2	71.5	5.2	-	-	.1	-
1,200 to 1,499 miles	192	100.0	35.1	53.2	5.1	-	6.5	.1	-
1,500 to 1,999 miles	106	100.0	33.6	63.6	2.3	0.2	-	.3	-
2,000 miles and over	203	100.0	69.0	23.8	-	-	7.1	.1	-
TON-MILES	(millions of ton-miles)								
Total	2,635	100.0	37.6	57.3	2.6	-	2.2	.2	.1
Under 50 miles	6	100.0	3.4	90.6	5.3	-	.2	.1	.4
50 to 99 miles	22	100.0	7.7	90.1	2.1	-	-	-	.1
100 to 199 miles	173	100.0	4.4	92.7	1.8	-	-	.1	1.0
200 to 299 miles	139	100.0	11.0	84.5	4.2	-	-	.1	.2
300 to 399 miles	142	100.0	12.8	79.9	7.1	-	-	.1	.1
400 to 499 miles	121	100.0	22.4	71.6	5.8	-	-	.2	-
500 to 599 miles	206	100.0	52.4	44.9	2.3	-	-	.2	.2
600 to 799 miles	464	100.0	43.2	54.7	1.3	-	.5	.3	-
800 to 999 miles	281	100.0	31.0	66.6	2.3	-	-	.1	-
1,000 to 1,199 miles	141	100.0	23.0	71.9	5.0	-	-	.1	-
1,200 to 1,499 miles	254	100.0	34.6	53.7	5.2	-	6.4	.1	-
1,500 to 1,999 miles	189	100.0	34.6	62.8	2.1	.2	-	.3	-
2,000 miles and over	497	100.0	68.5	23.2	-	.1	8.1	.1	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 031--Percent Distribution of Weight, by Means of Transport: 1967

Candy and Confectionery

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,585	100.0	20.9	74.6	3.4	1.1
Under 1,000 pounds	612	100.0	3.6	92.8	2.3	1.3
Under 50 pounds	2	100.0	1.2	62.6	4.3	31.9
50 to 99 pounds	9	100.0	1.8	87.1	2.1	9.0
100 to 199 pounds	46	100.0	2.4	92.1	2.3	3.2
200 to 499 pounds	293	100.0	3.7	93.5	1.6	1.2
500 to 999 pounds	262	100.0	3.9	92.5	3.1	.5
1,000 to 9,999 pounds	618	100.0	5.4	84.8	8.8	1.0
1,000 to 1,999 pounds	225	100.0	5.7	86.6	6.0	1.7
2,000 to 2,999 pounds	106	100.0	4.8	87.5	6.4	1.3
3,000 to 3,999 pounds	68	100.0	4.3	83.9	10.4	1.4
4,000 to 4,999 pounds	47	100.0	2.5	82.9	14.6	-
5,000 to 9,999 pounds	172	100.0	6.6	81.2	11.7	.5
10,000 to 29,999 pounds	852	100.0	9.2	84.6	4.4	1.8
10,000 to 19,999 pounds	267	100.0	6.2	80.5	9.3	4.0
20,000 to 29,999 pounds	585	100.0	10.6	86.4	2.2	.8
30,000 to 59,999 pounds	1,788	100.0	17.1	79.1	2.6	1.2
30,000 to 39,999 pounds	1,059	100.0	13.9	81.5	3.8	.8
40,000 to 49,999 pounds	585	100.0	21.3	75.5	1.2	2.0
50,000 to 59,999 pounds	144	100.0	23.4	76.6	-	-
60,000 to 89,999 pounds	579	100.0	82.2	17.6	.2	-
60,000 to 69,999 pounds	233	100.0	62.8	37.2	-	-
70,000 to 79,999 pounds	223	100.0	95.8	3.8	.4	-
80,000 to 89,999 pounds	123	100.0	94.6	5.4	-	-
90,000 pounds and over	136	100.0	32.8	67.2	-	-
TON-MILES	(millions of ton-miles)					
Total	2,421	100.0	37.0	57.8	2.5	2.7
Under 1,000 pounds	318	100.0	6.2	89.7	1.2	2.9
Under 50 pounds	1	100.0	3.1	48.9	.4	47.6
50 to 99 pounds	4	100.0	3.1	86.6	.2	10.1
100 to 199 pounds	22	100.0	4.2	90.3	.5	5.0
200 to 499 pounds	158	100.0	6.1	90.6	.8	2.5
500 to 999 pounds	133	100.0	6.9	88.6	1.9	2.6
1,000 to 9,999 pounds	316	100.0	10.7	79.5	7.0	2.8
1,000 to 1,999 pounds	123	100.0	9.9	79.6	4.6	5.9
2,000 to 2,999 pounds	59	100.0	7.9	85.1	5.8	1.2
3,000 to 3,999 pounds	31	100.0	5.8	86.9	6.5	.8
4,000 to 4,999 pounds	17	100.0	7.4	73.7	18.9	-
5,000 to 9,999 pounds	86	100.0	16.4	73.9	9.0	.7
10,000 to 29,999 pounds	305	100.0	15.9	76.5	4.5	3.1
10,000 to 19,999 pounds	98	100.0	8.6	80.6	7.4	3.4
20,000 to 29,999 pounds	207	100.0	19.4	74.6	3.1	2.9
30,000 to 59,999 pounds	785	100.0	24.3	68.2	2.7	4.8
30,000 to 39,999 pounds	453	100.0	18.4	75.2	4.1	2.3
40,000 to 49,999 pounds	258	100.0	32.9	55.6	1.0	10.5
50,000 to 59,999 pounds	74	100.0	31.1	68.9	-	-
60,000 to 89,999 pounds	587	100.0	92.8	7.2	-	-
60,000 to 69,999 pounds	213	100.0	84.3	15.7	-	-
70,000 to 79,999 pounds	226	100.0	98.8	1.2	-	-
80,000 to 89,999 pounds	148	100.0	95.9	4.1	-	-
90,000 pounds and over	110	100.0	52.0	48.0	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 031--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Candy and Confectionery

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,585	100.0	20.9	74.6	3.4	1.1
Under 200 miles	1,628	100.0	5.0	91.6	2.7	.7
Under 1,000 pounds	186	100.0	.3	94.6	4.4	.7
1,000 to 9,999 pounds	192	100.0	1.2	91.2	6.4	1.2
10,000 to 29,999 pounds	444	100.0	-	96.9	1.4	1.7
30,000 to 59,999 pounds	748	100.0	4.2	93.5	2.2	.1
60,000 to 89,999 pounds	44	100.0	73.6	24.4	2.0	-
90,000 pounds and over	14	100.0	96.7	3.3	-	-
200 to 399 miles	949	100.0	11.5	82.5	5.8	.2
Under 1,000 pounds	143	100.0	1.7	95.8	1.4	1.1
1,000 to 9,999 pounds	156	100.0	1.4	85.0	13.1	.5
10,000 to 29,999 pounds	169	100.0	5.9	81.5	12.6	-
30,000 to 59,999 pounds	333	100.0	12.4	84.2	3.4	-
60,000 to 89,999 pounds	113	100.0	46.1	53.9	-	-
90,000 pounds and over	35	100.0	2.6	97.4	-	-
400 to 599 miles	553	100.0	34.2	60.9	4.5	.4
Under 1,000 pounds	85	100.0	3.1	93.7	1.7	1.5
1,000 to 9,999 pounds	92	100.0	4.7	83.7	10.7	.9
10,000 to 29,999 pounds	98	100.0	35.6	58.9	5.5	-
30,000 to 59,999 pounds	199	100.0	37.4	58.4	4.2	-
60,000 to 89,999 pounds	79	100.0	92.2	7.8	-	-
90,000 pounds and over	-	-	-	-	-	-
600 to 999 miles	858	100.0	36.2	61.2	1.9	.7
Under 1,000 pounds	124	100.0	8.1	89.4	1.4	1.1
1,000 to 9,999 pounds	100	100.0	10.1	80.3	8.6	1.0
10,000 to 29,999 pounds	84	100.0	36.3	56.7	3.6	3.4
30,000 to 59,999 pounds	346	100.0	37.3	61.8	.8	.1
60,000 to 89,999 pounds	149	100.0	87.7	12.3	-	-
90,000 pounds and over	55	100.0	-	100.0	-	-
1,000 miles and over	597	100.0	45.5	47.5	2.3	4.7
Under 1,000 pounds	76	100.0	8.7	86.6	1.1	3.6
1,000 to 9,999 pounds	77	100.0	18.8	74.8	3.7	2.7
10,000 to 29,999 pounds	57	100.0	5.6	82.6	3.7	8.1
30,000 to 59,999 pounds	162	100.0	18.0	65.6	4.9	11.5
60,000 to 89,999 pounds	193	100.0	97.2	2.8	-	-
90,000 pounds and over	32	100.0	95.0	5.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,421	100.0	37.0	57.8	2.5	2.7
Under 200 miles	197	100.0	4.8	92.2	2.0	1.0
Under 1,000 pounds	19	100.0	.5	96.9	1.8	.8
1,000 to 9,999 pounds	20	100.0	2.1	92.6	4.3	1.0
10,000 to 29,999 pounds	59	100.0	-	97.0	.5	2.5
30,000 to 59,999 pounds	92	100.0	4.3	93.1	2.6	-
60,000 to 89,999 pounds	5	100.0	69.4	29.6	1.0	-
90,000 pounds and over	2	100.0	96.7	3.3	-	-
200 to 399 miles	270	100.0	12.2	81.7	5.9	.2
Under 1,000 pounds	41	100.0	1.7	95.7	1.4	1.2
1,000 to 9,999 pounds	45	100.0	1.4	85.3	12.8	.5
10,000 to 29,999 pounds	48	100.0	6.0	80.8	13.2	-
30,000 to 59,999 pounds	99	100.0	12.9	83.8	3.3	-
60,000 to 89,999 pounds	29	100.0	54.4	45.6	-	-
90,000 pounds and over	8	100.0	3.9	96.1	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 031--Percent Distribution of Distance and Weight, by Means of Transport: 1967 --Continued

Candy and Confectionery

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	277	100.0	34.8	60.6	4.2	0.4
Under 1,000 pounds	42	100.0	3.1	93.6	1.7	1.6
1,000 to 9,999 pounds	46	100.0	5.1	83.7	10.2	1.0
10,000 to 29,999 pounds	46	100.0	35.4	58.9	5.7	-
30,000 to 59,999 pounds	101	100.0	37.2	59.2	3.6	-
60,000 to 89,999 pounds	42	100.0	93.1	6.9	-	-
90,000 pounds and over	-	-	-	-	-	-
600 to 999 miles	654	100.0	35.8	61.8	1.9	.5
Under 1,000 pounds	95	100.0	7.9	89.7	1.3	1.1
1,000 to 9,999 pounds	77	100.0	9.9	80.1	9.1	.9
10,000 to 29,999 pounds	63	100.0	38.4	55.2	3.4	3.0
30,000 to 59,999 pounds	257	100.0	35.5	63.5	.9	.1
60,000 to 89,999 pounds	119	100.0	87.0	13.0	-	-
90,000 pounds and over	43	100.0	-	100.0	-	-
1,000 miles and over	1,023	100.0	51.0	41.7	1.6	5.7
Under 1,000 pounds	121	100.0	8.5	84.7	.9	5.9
1,000 to 9,999 pounds	128	100.0	17.9	73.6	2.9	5.6
10,000 to 29,999 pounds	88	100.0	5.7	85.2	2.4	6.7
30,000 to 59,999 pounds	235	100.0	19.3	60.8	4.1	15.8
60,000 to 89,999 pounds	393	100.0	97.7	2.3	-	-
90,000 pounds and over	58	100.0	95.9	4.1	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 031--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Candy and Confectionery

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	4,931	100.0	22.4	73.4	3.2	-	0.6	0.1	0.3
New England	217	100.0	12.0	83.4	3.9	-	-	.7	-
Middle Atlantic	2,676	100.0	21.6	76.5	.9	-	.9	-	.1
East North Central	1,344	100.0	34.7	61.9	2.3	-	.1	.2	.8
West North Central	98	100.0	.9	79.5	17.7	-	.1	1.8	-
South Atlantic	213	100.0	8.7	60.4	30.9	-	-	-	-
West South Central	77	100.0	.8	99.2	-	-	-	-	-
Pacific[1]	177	100.0	8.0	85.1	4.3	0.1	2.5	-	-
Balance of United States[2]	129	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	2,635	100.0	37.6	57.3	2.6	-	2.2	.2	.1
New England	121	100.0	36.8	56.5	6.0	-	-	.7	-
Middle Atlantic	1,332	100.0	43.5	52.5	.4	-	3.5	.1	-
East North Central	712	100.0	43.6	53.6	1.7	.1	.5	.2	.3
West North Central	72	100.0	.7	76.7	20.6	-	.6	1.4	-
South Atlantic	124	100.0	35.6	42.8	21.6	-	-	-	-
West South Central	48	100.0	1.4	98.6	-	-	-	-	-
Pacific[1]	98	100.0	12.0	80.4	1.1	.3	6.2	-	-
Balance of United States[2]	128	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 031--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Candy and Confectionery

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	4,931	4,931	739	1,210	986	323	654	105	377	102	435
Ton-miles.....millions..	2,635	2,635	158	325	384	170	368	52	364	102	712
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	4,931	100.0	15.0	24.5	20.0	6.5	13.3	2.1	7.7	2.1	8.8
Shipments from--											
New England.....	217	100.0	29.2	23.6	14.8	3.1	18.2	.5	2.8	.1	7.7
Middle Atlantic.....	2,676	100.0	23.6	31.0	18.1	2.3	11.6	1.1	5.8	.5	6.0
East North Central.....	1,344	100.0	2.0	16.0	29.0	15.2	16.8	3.4	10.4	2.3	4.9
West North Central.....	98	100.0	1.0	12.4	18.1	19.7	7.5	3.3	7.5	12.5	18.0
South Atlantic.....	213	100.0	4.1	31.4	15.9	.8	23.6	6.0	8.3	1.2	8.7
West South Central.....	77	100.0	1.2	2.9	11.3	12.1	16.0	9.2	38.8	6.4	2.1
Pacific[2].....	177	100.0	-	1.3	.1	4.1	.2	-	4.2	17.6	72.5
Balance of United States[3]..	129	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	2,635	100.0	6.0	12.3	14.6	6.5	14.0	2.0	13.8	3.9	26.9
Shipments from--											
New England.....	121	100.0	3.5	10.4	16.9	7.2	18.2	1.0	7.0	.2	35.6
Middle Atlantic.....	1,332	100.0	8.6	8.2	18.9	4.3	12.8	1.6	14.5	1.9	29.2
East North Central.....	712	100.0	3.0	18.2	7.9	10.4	20.2	2.3	15.9	5.1	17.0
West North Central.....	72	100.0	1.4	15.7	9.4	6.2	6.9	1.6	5.9	16.3	36.6
South Atlantic.....	124	100.0	3.7	17.7	16.4	.9	7.1	2.8	12.8	3.0	35.6
West South Central.....	48	100.0	3.3	6.8	17.7	11.3	27.0	7.3	13.9	7.7	5.0
Pacific[2].....	98	100.0	.1	5.5	.5	10.6	1.1	-	10.5	19.4	52.3
Balance of United States[3]..	128	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included in the Pacific Division.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 031--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Candy and Confectionery

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,931	100.0	22.4	73.4	3.2	-	0.6	0.1	0.3
New England, total	217	100.0	12.0	83.4	3.9	-	-	.7	-
Shipments to--									
New England	63	100.0	-	97.6	1.9	-	.1	.4	-
Middle Atlantic	51	100.0	-	97.9	1.3	-	-	.8	-
Middle Atlantic, total	2,676	100.0	21.6	76.5	.9	-	.9	-	.1
Shipments to--									
New England	630	100.0	2.8	97.2	-	-	-	-	-
Middle Atlantic	829	100.0	7.6	89.6	2.6	-	.1	-	.1
West North Central	63	100.0	53.6	42.3	4.0	-	-	.1	-
South Atlantic	311	100.0	22.3	77.3	-	-	.1	-	.3
West South Central	155	100.0	48.8	43.1	-	-	8.1	-	-
Pacific	160	100.0	67.1	25.8	-	-	7.0	.1	-
East North Central, total	1,344	100.0	34.7	61.9	2.3	-	.1	.2	.8
Shipments to--									
Middle Atlantic	215	100.0	65.9	33.3	-	-	-	.4	.4
East North Central	389	100.0	9.5	83.4	4.5	-	-	.2	2.4
West North Central	205	100.0	21.8	72.7	5.5	-	-	-	-
South Atlantic	225	100.0	68.2	31.8	-	-	-	-	-
West South Central	140	100.0	20.9	79.0	-	-	-	.1	-
West North Central, total	98	100.0	.9	79.5	17.7	-	.1	1.8	-
Shipments to--									
West North Central	19	100.0	.1	92.6	4.9	-	-	2.4	-
South Atlantic, total	213	100.0	8.7	60.4	30.9	-	-	-	-
Shipments to--									
South Atlantic	50	100.0	-	68.0	32.0	-	-	-	-
West South Central, total	77	100.0	.8	99.2	-	-	-	-	-
Shipments to--									
West South Central	30	100.0	-	100.0	-	-	-	-	-
Pacific, total	177	100.0	8.0	85.1	4.3	0.1	2.5	-	-
Shipments to--									
Pacific	128	100.0	5.1	86.0	5.4	-	3.5	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,635	100.0	37.6	57.3	2.6	-	2.2	.2	.1
New England, total	121	100.0	36.8	56.5	6.0	-	-	.7	-
Shipments to--									
New England	4	100.0	-	97.2	2.1	-	-	.7	-
Middle Atlantic	13	100.0	-	97.5	1.5	-	-	1.0	-
Middle Atlantic, total	1,332	100.0	43.5	52.5	.4	-	3.5	.1	-
Shipments to--									
New England	115	100.0	5.0	95.0	-	-	-	-	-
Middle Atlantic	109	100.0	8.9	88.9	2.2	-	-	-	-
West North Central	57	100.0	50.6	44.8	4.5	-	-	.1	-
South Atlantic	170	100.0	35.0	64.6	-	-	.2	-	.2
West South Central	193	100.0	48.1	43.5	-	-	8.4	-	-
Pacific	389	100.0	66.8	25.5	-	-	7.6	.1	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 031--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Candy and Confectionery

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(millions of ton-miles)								
TON-MILES--Continued									
East North Central, total	712	100.0	43.6	53.6	1.7	0.1	0.5	0.2	0.3
Shipments to--									
Middle Atlantic	129	100.0	67.7	31.5	-	-	-	.4	.4
East North Central	56	100.0	8.0	83.8	5.0	-	-	.1	3.1
West North Central	74	100.0	22.2	71.2	6.6	-	-	-	-
South Atlantic	144	100.0	64.2	35.8	-	-	-	-	-
West South Central	113	100.0	22.1	77.8	-	-	-	.1	-
West North Central, total	72	100.0	.7	76.7	20.6	-	.6	1.4	-
Shipments to--									
West North Central	4	100.0	.1	92.5	3.7	-	-	3.7	-
South Atlantic, total	124	100.0	35.6	42.8	21.6	-	-	-	-
Shipments to--									
South Atlantic	9	100.0	-	52.9	47.1	-	-	-	-
West South Central, total	48	100.0	1.4	98.6	-	-	-	-	-
Shipments to--									
West South Central	7	100.0	-	100.0	-	-	-	-	-
Pacific, total	98	100.0	12.0	80.4	1.1	.3	6.2	-	-
Shipments to--									
Pacific	51	100.0	7.3	78.9	1.7	.2	11.9	-	-

NOTE: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 031--Percent Distribution, by Means of Transport and Distance, for Plants: 1967

Candy and Confectionery

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	4,931	643	1,362	2,926	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,635	309	784	1,542
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	22.4	11.2	20.6	25.7	37.6	12.4	27.8	47.7
Motor carrier.....	73.4	76.4	75.9	71.5	57.3	74.2	66.3	49.2
Private truck.....	3.2	8.9	2.3	2.4	2.6	4.8	1.6	2.7
Air.....	-	-	-	-	-	-	.1	-
Water.....	.6	2.4	1.1	-	2.2	7.3	4.1	.3
Other.....	.1	.9	.1	-	.2	1.2	.1	-
Unknown.....	.3	.2	-	.4	.1	.1	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	11.3	26.7	14.7	6.2	1.1	2.9	1.3	.6
100 to 199 miles.....	23.0	7.0	16.3	29.6	6.6	2.1	3.9	8.8
200 to 299 miles.....	11.7	13.0	8.1	13.0	5.3	7.2	3.6	5.7
300 to 399 miles.....	8.4	11.3	6.6	8.6	5.4	7.7	4.0	5.6
400 to 499 miles.....	5.5	7.0	5.8	5.1	4.6	6.3	4.4	4.3
500 to 999 miles.....	27.3	21.2	34.1	25.7	36.1	31.9	41.6	34.1
1,000 miles and over.....	12.8	13.8	14.4	11.8	40.9	41.9	41.2	40.9

TABLE 8. SHIPPER CLASS 031--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Candy and Confectionery

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	43.2	25.0	74.7	76.7
Highway facilities	82.4	78.1	93.9	73.3
Rail and highway facilities	30.1	9.4	68.5	56.7
Air facilities	74.6	68.7	86.0	80.0
Rail, highway, and air facilities	27.1	9.4	60.7	46.7
Water facilities	23.2	18.7	32.1	26.7
Rail, highway, air, and water facilities	10.4	-	32.1	13.3

NOTE: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.2 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 032--Percent Distribution of Distance, by Means of Transport: 1967

Alcoholic Beverages

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	23,995	100.0	40.4	23.3	35.5	-	0.4	0.1	0.3
Under 50 miles	2,864	100.0	10.2	25.6	64.0	-	.1	-	.1
50 to 99 miles	3,338	100.0	10.5	32.8	56.7	-	-	-	-
100 to 199 miles	4,576	100.0	18.4	28.5	52.9	-	.1	-	.1
200 to 299 miles	3,390	100.0	34.5	28.4	37.1	-	-	-	-
300 to 399 miles	2,075	100.0	49.8	29.8	20.4	-	-	-	-
400 to 499 miles	1,369	100.0	59.7	20.2	18.7	-	.1	.1	1.2
500 to 599 miles	1,212	100.0	77.0	15.2	7.4	-	-	.2	.2
600 to 799 miles	2,341	100.0	79.1	9.5	8.5	0.1	1.3	.3	1.2
800 to 999 miles	1,227	100.0	82.8	11.0	5.0	-	.4	.1	.7
1,000 to 1,499 miles	537	100.0	86.2	5.1	7.8	-	.8	.1	-
1,500 to 1,999 miles	515	100.0	91.9	1.4	5.6	.8	.1	.2	-
2,000 miles and over	551	100.0	85.8	4.0	-	-	10.2	-	-
TON-MILES	(millions of ton-miles)								
Total	9,394	100.0	67.7	14.2	15.5	.1	2.0	.1	.4
Under 50 miles	86	100.0	10.9	26.2	62.8	-	-	-	.1
50 to 99 miles	257	100.0	12.1	32.0	55.9	-	-	-	-
100 to 199 miles	682	100.0	19.0	29.2	51.6	-	.1	-	.1
200 to 299 miles	835	100.0	34.8	28.5	36.7	-	-	-	-
300 to 399 miles	720	100.0	50.4	29.1	20.5	-	-	-	-
400 to 499 miles	613	100.0	60.1	19.9	18.6	-	.1	.1	1.2
500 to 599 miles	660	100.0	77.0	15.2	7.4	-	-	.2	.2
600 to 799 miles	1,634	100.0	79.3	9.2	8.6	.1	1.3	.3	1.2
800 to 999 miles	1,070	100.0	82.8	11.0	5.0	-	.4	.1	.7
1,000 to 1,499 miles	611	100.0	86.6	5.2	7.3	-	.8	.1	-
1,500 to 1,999 miles	934	100.0	91.7	1.4	5.7	.9	.1	.2	-
2,000 miles and over	1,292	100.0	84.2	3.7	-	-	12.1	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 032--Percent Distribution of Weight, by Means of Transport: 1967

Alcoholic Beverages

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	21,150	100.0	43.4	23.2	32.5	0.9
Under 1,000 pounds	39	100.0	.6	90.7	6.9	1.8
Under 50 pounds	1	100.0	.4	94.1	2.0	3.5
50 to 99 pounds	2	100.0	.2	96.4	2.3	1.1
100 to 199 pounds	6	100.0	.2	95.3	3.0	1.5
200 to 499 pounds	17	100.0	.3	94.6	3.5	1.6
500 to 999 pounds	13	100.0	1.3	81.3	14.9	2.5
1,000 to 9,999 pounds	244	100.0	6.5	45.8	43.5	4.2
1,000 to 1,999 pounds	22	100.0	4.7	64.0	27.9	3.4
2,000 to 2,999 pounds	26	100.0	7.9	50.9	32.0	9.2
3,000 to 3,999 pounds	28	100.0	5.8	50.9	37.5	5.8
4,000 to 4,999 pounds	26	100.0	6.2	44.2	47.4	2.2
5,000 to 9,999 pounds	142	100.0	6.6	41.6	48.4	3.4
10,000 to 29,999 pounds	1,005	100.0	12.0	36.3	50.5	1.2
10,000 to 19,999 pounds	472	100.0	8.9	29.0	60.2	1.9
20,000 to 29,999 pounds	533	100.0	14.7	42.8	41.9	.6
30,000 to 59,999 pounds	10,968	100.0	9.9	34.0	55.7	.4
30,000 to 39,999 pounds	2,159	100.0	12.3	30.6	56.8	.3
40,000 to 49,999 pounds	7,939	100.0	6.5	35.7	57.3	.5
50,000 to 59,999 pounds	870	100.0	35.0	26.9	37.7	.4
60,000 to 89,999 pounds	5,237	100.0	90.2	8.5	.3	1.0
60,000 to 69,999 pounds	1,184	100.0	95.9	3.5	.4	.2
70,000 to 79,999 pounds	1,294	100.0	91.9	6.8	.4	.9
80,000 to 89,999 pounds	2,759	100.0	86.9	11.5	.2	1.4
90,000 pounds and over	3,657	100.0	88.5	5.9	3.8	1.8
TON-MILES	(millions of ton-miles)					
Total	8,645	100.0	69.7	13.7	13.8	2.8
Under 1,000 pounds	7	100.0	2.8	78.7	10.3	8.2
Under 50 pounds	-	-	-	-	-	-
50 to 99 pounds	-	-	-	-	-	-
100 to 199 pounds	1	100.0	1.9	88.2	3.1	6.8
200 to 499 pounds	3	100.0	1.5	86.1	5.6	6.8
500 to 999 pounds	3	100.0	3.9	70.3	16.8	9.0
1,000 to 9,999 pounds	89	100.0	19.6	42.5	27.2	10.7
1,000 to 1,999 pounds	7	100.0	14.5	57.5	17.0	11.0
2,000 to 2,999 pounds	13	100.0	17.6	52.6	15.5	14.3
3,000 to 3,999 pounds	10	100.0	13.3	47.3	24.1	15.3
4,000 to 4,999 pounds	9	100.0	23.2	45.4	26.6	4.8
5,000 to 9,999 pounds	50	100.0	21.4	36.3	32.3	10.0
10,000 to 29,999 pounds	309	100.0	33.2	33.5	25.3	8.0
10,000 to 19,999 pounds	147	100.0	27.5	27.8	30.2	14.5
20,000 to 29,999 pounds	162	100.0	38.5	38.6	20.9	2.0
30,000 to 59,999 pounds	2,760	100.0	27.9	30.9	38.5	2.7
30,000 to 39,999 pounds	501	100.0	35.1	29.7	32.0	3.2
40,000 to 49,999 pounds	1,898	100.0	17.1	34.4	45.9	2.6
50,000 to 59,999 pounds	361	100.0	74.5	14.0	9.2	2.3
60,000 to 89,999 pounds	3,192	100.0	94.7	3.6	.1	1.6
60,000 to 69,999 pounds	739	100.0	97.8	1.8	.1	.3
70,000 to 79,999 pounds	736	100.0	93.7	4.7	.1	1.5
80,000 to 89,999 pounds	1,717	100.0	93.9	3.9	-	2.2
90,000 pounds and over	2,288	100.0	92.2	3.2	.9	3.7

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not inlcuded.

TABLE 3. SHIPPER CLASS 032--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Alcoholic Beverages

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	21,150	100.0	43.4	23.2	32.5	0.9
Under 200 miles	9,303	100.0	15.4	29.7	54.8	.1
Under 1,000 pounds	31	100.0	-	93.5	5.4	1.1
1,000 to 9,999 pounds	125	100.0	1.8	41.7	56.0	.5
10,000 to 29,999 pounds	603	100.0	3.9	29.2	66.7	.2
30,000 to 59,999 pounds	6,756	100.0	.9	32.5	66.5	.1
60,000 to 89,999 pounds	736	100.0	70.2	28.3	1.5	-
90,000 pounds and over	1,052	100.0	79.4	9.4	11.1	.1
200 to 399 miles	4,542	100.0	44.9	29.6	25.5	-
Under 1,000 pounds	3	100.0	3.2	87.3	8.4	1.1
1,000 to 9,999 pounds	43	100.0	3.8	65.3	26.6	4.3
10,000 to 29,999 pounds	178	100.0	9.0	59.6	31.1	.3
30,000 to 59,999 pounds	2,381	100.0	14.3	40.9	44.8	-
60,000 to 89,999 pounds	1,525	100.0	88.4	11.5	.1	-
90,000 pounds and over	412	100.0	80.5	14.1	5.2	.2
400 to 599 miles	2,363	100.0	69.7	16.6	12.7	1.0
Under 1,000 pounds	2	100.0	.5	73.0	23.6	2.9
1,000 to 9,999 pounds	26	100.0	5.4	48.7	37.4	8.5
10,000 to 29,999 pounds	79	100.0	25.9	53.8	19.1	1.2
30,000 to 59,999 pounds	791	100.0	28.6	36.5	34.7	.2
60,000 to 89,999 pounds	1,018	100.0	96.6	1.6	-	1.8
90,000 pounds and over	447	100.0	93.1	6.9	-	-
600 to 999 miles	3,408	100.0	80.0	10.2	7.4	2.4
Under 1,000 pounds	2	100.0	3.0	81.9	9.9	5.2
1,000 to 9,999 pounds	33	100.0	9.5	39.0	42.4	9.1
10,000 to 29,999 pounds	83	100.0	25.4	40.8	30.4	3.4
30,000 to 59,999 pounds	732	100.0	37.0	32.3	28.8	1.9
60,000 to 89,999 pounds	1,257	100.0	94.8	3.5	.1	1.6
90,000 pounds and over	1,301	100.0	95.4	1.5	-	3.1
1,000 miles and over	1,534	100.0	87.3	3.7	4.6	4.4
Under 1,000 pounds	1	100.0	8.7	50.4	13.7	27.2
1,000 to 9,999 pounds	17	100.0	43.1	37.2	6.0	13.7
10,000 to 29,999 pounds	62	100.0	63.4	10.9	14.6	11.1
30,000 to 59,999 pounds	308	100.0	61.7	10.7	19.6	8.0
60,000 to 89,999 pounds	701	100.0	97.8	.4	-	1.8
90,000 pounds and over	445	100.0	93.8	1.6	-	4.6
TON-MILES	(millions of ton-miles)					
Total[1]	8,645	100.0	69.7	13.7	13.8	2.8
Under 200 miles	883	100.0	18.5	29.8	51.5	.2
Under 1,000 pounds	2	100.0	.1	93.9	4.6	1.4
1,000 to 9,999 pounds	9	100.0	1.5	44.0	53.9	.6
10,000 to 29,999 pounds	46	100.0	2.6	37.6	59.7	.1
30,000 to 59,999 pounds	629	100.0	1.0	34.2	64.7	.1
60,000 to 89,999 pounds	89	100.0	82.5	16.9	.6	-
90,000 pounds and over	108	100.0	75.9	9.7	14.2	.2
200 to 399 miles	1,301	100.0	47.1	29.2	23.7	-
Under 1,000 pounds	1	100.0	3.4	87.3	8.1	1.2
1,000 to 9,999 pounds	13	100.0	4.3	66.7	25.3	3.7
10,000 to 29,999 pounds	50	100.0	10.6	60.8	28.3	.3
30,000 to 59,999 pounds	661	100.0	16.4	40.5	43.1	-
60,000 to 89,999 pounds	449	100.0	87.3	12.6	.1	-
90,000 pounds and over	127	100.0	82.8	12.9	4.1	.2

See footnote at end of table.

TABLE 3. SHIPPER CLASS 032--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Alcoholic Beverages

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	1,166	100.0	70.8	16.2	12.1	0.9
Under 1,000 pounds	1	100.0	.5	73.2	23.5	2.8
1,000 to 9,999 pounds	13	100.0	5.2	48.1	38.1	8.6
10,000 to 29,999 pounds	39	100.0	26.1	53.7	18.9	1.3
30,000 to 59,999 pounds	378	100.0	29.6	36.1	34.1	.2
60,000 to 89,999 pounds	506	100.0	96.6	1.7	-	1.7
90,000 pounds and over	229	100.0	93.1	6.9	-	-
600 to 999 miles	2,579	100.0	80.3	10.2	7.2	2.3
Under 1,000 pounds	2	100.0	3.2	81.2	9.9	5.7
1,000 to 9,999 pounds	24	100.0	10.1	40.1	41.0	8.8
10,000 to 29,999 pounds	62	100.0	26.3	41.6	28.5	3.6
30,000 to 59,999 pounds	550	100.0	36.6	32.8	28.8	1.8
60,000 to 89,999 pounds	954	100.0	94.9	3.4	.1	1.6
90,000 pounds and over	987	100.0	95.6	1.4	-	3.0
1,000 miles and over	2,716	100.0	86.6	3.4	3.6	6.4
Under 1,000 pounds	1	100.0	8.8	43.6	12.1	35.5
1,000 to 9,999 pounds	30	100.0	45.1	31.5	4.2	19.2
10,000 to 29,999 pounds	112	100.0	62.2	8.1	10.3	19.4
30,000 to 59,999 pounds	542	100.0	63.0	9.7	15.6	11.7
60,000 to 89,999 pounds	1,195	100.0	97.5	.3	-	2.2
90,000 pounds and over	836	100.0	91.3	2.1	-	6.6

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 032--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Alcoholic Beverages

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	23,995	100.0	40.4	23.3	35.5	-	0.4	0.1	0.3
Middle Atlantic	4,121	100.0	11.2	27.6	60.5	-	.6	.1	-
East North Central	7,139	100.0	35.7	20.8	42.3	-	.3	.1	.8
West North Central	2,717	100.0	58.1	11.0	30.8	0.1	-	-	-
South Atlantic	1,082	100.0	27.8	36.6	33.9	-	1.7	-	-
East South Central	2,236	100.0	59.6	24.5	15.6	-	.1	.2	-
West South Central	1,707	100.0	58.8	3.6	37.6	-	-	-	-
Pacific[1]	3,752	100.0	50.0	34.2	14.7	.1	.9	-	.1
Balance of United States[2]	1,241	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	9,394	100.0	67.7	14.2	15.5	.1	2.0	.1	.4
Middle Atlantic	741	100.0	27.2	32.3	33.4	-	6.8	.3	-
East North Central	2,453	100.0	63.3	13.3	20.5	-	1.2	.2	1.5
West North Central	1,237	100.0	75.7	8.4	15.8	.1	-	-	-
South Atlantic	292	100.0	36.3	24.5	34.0	-	5.2	-	-
East South Central	1,348	100.0	74.7	12.0	12.6	-	.5	.2	-
West South Central	420	100.0	68.5	2.9	28.6	-	-	-	-
Pacific[1]	2,295	100.0	78.9	13.3	3.7	.4	3.7	-	-
Balance of United States[2]	608	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 032--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Alcoholic Beverages

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	23,995	23,995	1,369	4,270	6,067	1,307	2,794	1,118	2,607	874	3,589
Ton-miles.....millions..	9,394	9,394	620	1,423	1,445	471	1,324	445	1,168	518	1,980
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	23,995	100.0	5.7	17.8	25.3	5.4	11.6	4.7	10.9	3.6	15.0
Shipments from--											
Middle Atlantic.....	4,121	100.0	15.0	63.9	4.9	.3	14.2	.4	.2	.1	1.0
East North Central.....	7,139	100.0	3.1	10.0	57.9	7.4	8.6	6.2	4.5	.7	1.6
West North Central.....	2,717	100.0	3.9	6.5	34.1	20.2	14.4	5.4	8.8	5.7	1.0
South Atlantic.....	1,082	100.0	4.2	23.6	7.7	-	55.6	7.7	.9	.1	.2
East South Central.....	2,236	100.0	3.6	9.9	22.6	5.7	23.0	10.4	12.1	1.2	11.5
West South Central.....	1,707	100.0	-	-	-	-	2.9	9.0	87.2	.8	.1
Pacific[2].....	3,752	100.0	1.3	5.4	5.5	.9	.7	1.0	3.0	9.3	72.9
Balance of United States[3]..	1,241	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	9,394	100.0	6.6	15.1	15.4	5.0	14.1	4.7	12.4	5.5	21.2
Shipments from--											
Middle Atlantic.....	741	100.0	13.9	32.5	9.0	1.8	25.5	1.6	1.3	1.2	13.2
East North Central.....	2,453	100.0	7.4	16.0	25.2	7.8	15.8	6.1	10.2	2.3	9.2
West North Central.....	1,237	100.0	8.7	11.3	20.2	9.0	22.2	4.8	9.8	10.8	3.2
South Atlantic.....	292	100.0	6.1	11.5	9.0	-	49.0	19.2	2.4	.6	2.2
East South Central.....	1,348	100.0	4.8	8.3	5.9	6.0	17.3	3.4	14.4	2.5	37.4
West South Central.....	420	100.0	-	-	-	-	6.0	11.5	79.1	2.3	1.1
Pacific[2].....	2,295	100.0	5.4	21.5	17.1	2.2	2.6	3.2	7.0	8.1	32.9
Balance of United States[3]..	608	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included in the Pacific Division.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 032--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Alcoholic Beverages

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	23,995	100.0	40.4	23.3	35.5	-	0.4	0.1	0.3
Middle Atlantic, total	4,121	100.0	11.2	27.6	60.5	-	.6	.1	-
Shipments to--									
New England	618	100.0	15.4	45.4	39.1	-	-	.1	-
Middle Atlantic	2,636	100.0	5.6	17.3	77.0	-	-	-	.1
East North Central	200	100.0	31.4	39.8	27.9	-	-	.9	-
South Atlantic	584	100.0	20.4	51.1	27.7	-	.7	.1	-
East North Central, total	7,139	100.0	35.7	20.8	42.3	-	.3	.1	.8
Shipments to--									
Middle Atlantic	714	100.0	69.9	16.8	6.6	-	1.5	-	5.2
East North Central	4,130	100.0	12.8	25.8	61.4	-	-	-	-
West North Central	531	100.0	48.8	25.6	25.6	-	-	-	-
South Atlantic	611	100.0	79.9	12.0	6.2	-	1.6	-	.3
West North Central, total	2,717	100.0	58.1	11.0	30.8	0.1	-	-	-
Shipments to--									
East North Central	926	100.0	33.7	24.9	41.3	-	-	-	.1
West North Central	549	100.0	28.0	6.5	65.5	-	-	-	-
South Atlantic, total	1,082	100.0	27.8	36.6	33.9	-	1.7	-	-
Shipments to--									
Middle Atlantic	255	100.0	4.2	47.2	48.6	-	-	-	-
South Atlantic	601	100.0	42.4	39.9	14.9	-	2.8	-	-
East South Central, total	2,236	100.0	59.6	24.5	15.6	-	.1	.2	-
Shipments to--									
East North Central	505	100.0	26.4	55.9	17.6	-	-	.1	-
South Atlantic	514	100.0	81.6	12.6	5.6	-	-	.2	-
East South Central	232	100.0	28.1	32.5	39.0	-	-	-	.4
West South Central, total	1,707	100.0	58.8	3.6	37.6	-	-	-	-
Shipments to--									
West South Central	1,487	100.0	55.8	3.9	40.3	-	-	-	-
Pacific, total	3,752	100.0	50.0	34.2	14.7	.1	.9	-	.1
Shipments to--									
Mountain	349	100.0	67.6	13.4	19.0	-	-	-	-
Pacific	2,735	100.0	35.9	45.1	17.7	-	1.2	-	.1
	(millions of ton-miles)								
TON-MILES									
U.S. total	9,394	100.0	67.7	14.2	15.5	.1	2.0	.1	.4
Middle Atlantic, total	741	100.0	27.2	32.3	33.4	-	6.8	.3	-
Shipments to--									
New England	103	100.0	22.3	43.8	33.8	-	-	.1	-
Middle Atlantic	240	100.0	4.6	23.9	71.5	-	-	-	-
East North Central	67	100.0	55.6	30.3	12.8	-	-	1.3	-
South Atlantic	189	100.0	38.4	44.0	15.5	-	2.0	.1	-
East North Central, total	2,453	100.0	63.3	13.3	20.5	-	1.2	.2	1.5
Shipments to--									
Middle Atlantic	392	100.0	79.8	8.7	3.5	-	1.9	-	6.1
East North Central	619	100.0	16.5	25.6	57.9	-	-	-	-
West North Central	192	100.0	58.3	23.9	17.8	-	-	-	-
South Atlantic	386	100.0	86.5	9.0	2.6	-	1.6	-	.3

See footnotes at end of table.

TABLE 6. SHIPPER CLASS 032--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Alcoholic Beverages

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(millions of ton-miles)								
TON-MILES--Continued									
West North Central, total	1,237	100.0	75.7	8.4	15.8	0.1	-	-	-
Shipments to--									
East North Central	250	100.0	37.5	26.6	35.8	-	-	-	0.1
West North Central	111	100.0	36.9	7.0	56.1	-	-	-	-
South Atlantic, total	292	100.0	36.3	24.5	34.0	-	5.2	-	-
Shipments to--									
Middle Atlantic	34	100.0	7.7	51.8	40.5	-	-	-	-
South Atlantic	143	100.0	56.9	27.8	8.0	-	7.3	-	-
East South Central, total	1,348	100.0	74.7	12.0	12.6	-	.5	0.2	-
Shipments to--									
East North Central	80	100.0	45.0	42.7	12.2	-	-	.1	-
South Atlantic	233	100.0	85.1	10.6	4.1	-	-	.2	-
East South Central	46	100.0	35.2	30.0	34.4	-	-	-	.4
West South Central, total	420	100.0	68.5	2.9	28.6	-	-	-	-
Shipments to--									
West South Central	332	100.0	65.6	3.7	30.7	-	-	-	-
Pacific, total	2,295	100.0	78.9	13.3	3.7	.4	3.7	-	-
Shipments to--									
Mountain	185	100.0	68.2	12.1	19.7	-	-	-	-
Pacific	757	100.0	45.8	37.4	6.1	-	10.7	-	-

NOTE: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 032--Percent Distribution, by Means of Transport and Distance, for Plants: 1967

Alcoholic Beverages

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	23,995	3,528	7,690	12,777	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	9,394	1,667	2,540	5,187
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	40.4	60.5	31.7	40.4	67.7	74.6	61.9	68.1
Motor carrier.....	23.3	20.4	26.4	22.2	14.2	11.3	17.0	13.8
Private truck.....	35.5	18.5	41.1	36.7	15.5	12.6	17.0	15.8
Air.....	-	-	-	-	.1	-	-	.2
Water.....	.4	.5	.6	.3	2.0	1.4	3.9	1.3
Other.....	.1	.1	.1	-	.1	.1	.1	.1
Unknown.....	.3	-	.1	.4	.4	-	.1	.7
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	25.9	31.9	29.8	21.8	3.7	3.7	5.1	3.0
100 to 199 miles.....	19.1	13.2	26.4	16.3	7.3	3.9	11.9	6.1
200 to 299 miles.....	14.1	5.3	15.0	16.0	8.9	2.9	10.9	9.8
300 to 399 miles.....	8.6	7.5	8.5	9.0	7.7	5.6	8.9	7.7
400 to 499 miles.....	5.7	8.7	3.9	6.0	6.5	8.2	5.2	6.6
500 to 999 miles.....	19.9	22.6	9.9	25.2	35.7	32.8	21.0	44.0
1,000 miles and over.....	6.7	10.8	6.5	5.7	30.2	42.9	37.0	22.8

TABLE 8. SHIPPER CLASS 032--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Alcoholic Beverages

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	73.4	69.1	73.3	86.7
Highway facilities	80.8	69.5	91.3	91.1
Rail and highway facilities	55.0	38.6	66.8	77.8
Air facilities	71.5	58.0	82.6	86.7
Rail, highway, and air facilities	44.8	27.0	56.8	71.1
Water facilities	39.6	42.5	28.9	55.6
Rail, highway, air, and water facilities	18.7	11.6	15.1	48.9

NOTE: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 033--Percent Distribution of Distance, by Means of Transport: 1967

Bottled and Canned Soft Drinks and Flavorings

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	9,587	100.0	4.3	19.6	74.3	-	0.3	1.3	0.2
Under 50 miles	3,792	100.0	-	8.8	90.8	-	.2	.1	.1
50 to 99 miles	2,181	100.0	.9	15.2	81.2	-	-	2.6	.1
100 to 199 miles	1,622	100.0	.8	20.1	75.6	-	.2	3.3	-
200 to 299 miles	707	100.0	11.9	31.8	56.1	-	-	.2	-
300 to 399 miles	377	100.0	16.4	47.3	35.0	-	-	1.3	-
400 to 499 miles	187	100.0	21.2	46.5	32.3	-	-	-	-
500 to 599 miles	90	100.0	5.6	61.6	32.7	-	-	.1	-
600 to 799 miles	175	100.0	23.2	68.8	6.7	-	-	1.3	-
800 to 999 miles	93	100.0	35.7	58.9	1.1	-	4.3	-	-
1,000 to 1,499 miles	151	100.0	41.8	45.5	4.3	-	2.1	-	6.3
1,500 miles and over	212	100.0	22.3	47.6	24.0	-	6.1	-	-
TON-MILES	(millions of ton-miles)								
Total	1,742	100.0	18.0	38.5	39.9	-	2.0	.9	.7
Under 50 miles	108	100.0	-	8.6	91.2	-	.1	-	.1
50 to 99 miles	164	100.0	1.0	14.8	80.7	-	-	3.4	.1
100 to 199 miles	221	100.0	1.0	22.2	73.8	-	.2	2.8	-
200 to 299 miles	177	100.0	12.9	31.4	55.5	-	-	.2	-
300 to 399 miles	128	100.0	16.9	47.4	34.2	-	-	1.5	-
400 to 499 miles	83	100.0	22.3	45.9	31.8	-	-	-	-
500 to 599 miles	50	100.0	5.8	61.2	32.9	-	-	.1	-
600 to 799 miles	120	100.0	22.4	70.1	6.1	-	-	1.4	-
800 to 999 miles	82	100.0	35.6	58.8	1.1	-	4.5	-	-
1,000 to 1,499 miles	186	100.0	44.0	43.5	4.3	-	1.9	-	6.3
1,500 miles and over	423	100.0	25.2	44.8	23.4	-	6.5	-	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 033--Percent Distribution of Weight, by Means of Transport: 1967

Bottled and Canned Soft Drinks and Flavorings

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	8,058	100.0	4.8	22.1	71.0	2.1
Under 1,000 pounds	411	100.0	.1	34.4	65.3	.2
Under 50 pounds	7	100.0	.1	5.1	91.7	3.1
50 to 99 pounds	16	100.0	-	8.4	90.9	.7
100 to 199 pounds	43	100.0	.1	11.6	88.0	.3
200 to 499 pounds	164	100.0	.1	31.4	68.5	-
500 to 999 pounds	181	100.0	.2	45.9	53.7	.2
1,000 to 9,999 pounds	903	100.0	.1	36.7	62.6	.6
1,000 to 1,999 pounds	155	100.0	.2	56.4	43.3	.1
2,000 to 2,999 pounds	114	100.0	.1	54.5	44.7	.7
3,000 to 3,999 pounds	86	100.0	.1	40.2	59.3	.4
4,000 to 4,999 pounds	83	100.0	-	31.5	66.9	1.6
5,000 to 9,999 pounds	465	100.0	-	26.1	73.1	.8
10,000 to 29,999 pounds	1,608	100.0	.5	22.6	76.0	.9
10,000 to 19,999 pounds	761	100.0	-	20.1	78.3	1.6
20,000 to 29,999 pounds	847	100.0	.9	24.8	74.1	.2
30,000 to 59,999 pounds	4,540	100.0	3.3	20.2	73.5	3.0
30,000 to 39,999 pounds	1,438	100.0	1.7	27.4	64.2	6.7
40,000 to 49,999 pounds	2,965	100.0	2.9	16.0	79.6	1.5
50,000 to 59,999 pounds	137	100.0	30.2	37.2	32.5	.1
60,000 to 89,999 pounds	258	100.0	87.1	8.4	4.5	-
60,000 to 69,999 pounds	128	100.0	81.3	13.0	5.7	-
70,000 to 79,999 pounds	83	100.0	93.4	6.2	.4	-
80,000 to 89,999 pounds	47	100.0	91.5	-	8.5	-
90,000 pounds and over	338	100.0	1.6	.9	94.7	2.8
TON-MILES	(millions of ton-miles)					
Total	1,631	100.0	18.9	39.6	37.6	3.9
Under 1,000 pounds	82	100.0	.5	82.4	16.2	.9
Under 50 pounds	1	100.0	.6	36.2	45.0	18.2
50 to 99 pounds	1	100.0	.5	45.4	48.1	6.0
100 to 199 pounds	4	100.0	1.4	57.7	39.4	1.5
200 to 499 pounds	31	100.0	.5	82.3	17.0	.2
500 to 999 pounds	45	100.0	.5	86.3	12.4	.8
1,000 to 9,999 pounds	248	100.0	.3	68.1	29.0	2.6
1,000 to 1,999 pounds	47	100.0	1.0	80.4	18.4	.2
2,000 to 2,999 pounds	39	100.0	.6	77.0	21.4	1.0
3,000 to 3,999 pounds	23	100.0	.4	74.7	24.4	.5
4,000 to 4,999 pounds	22	100.0	-	43.9	49.2	6.9
5,000 to 9,999 pounds	117	100.0	.1	63.3	32.9	3.7
10,000 to 29,999 pounds	273	100.0	2.9	51.6	43.2	2.3
10,000 to 19,999 pounds	112	100.0	-	56.5	38.9	4.6
20,000 to 29,999 pounds	161	100.0	4.9	48.0	46.3	.8
30,000 to 59,999 pounds	774	100.0	10.7	34.1	50.4	4.8
30,000 to 39,999 pounds	256	100.0	4.7	52.0	37.5	5.8
40,000 to 49,999 pounds	471	100.0	8.6	24.7	61.9	4.8
50,000 to 59,999 pounds	47	100.0	64.0	30.8	5.2	-
60,000 to 89,999 pounds	214	100.0	97.0	2.5	.5	-
60,000 to 69,999 pounds	100	100.0	95.9	3.5	.6	-
70,000 to 79,999 pounds	56	100.0	96.7	3.2	.1	-
80,000 to 89,999 pounds	58	100.0	99.2	-	.8	-
90,000 pounds and over	40	100.0	18.5	3.1	48.6	29.8

NOTE: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 033 --Percent Distribution of Distance and Weight, by Means of Transport: 1967

Bottled and Canned Soft Drinks and Flavorings

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	8,058	100.0	4.8	22.1	71.0	2.1
Under 200 miles	6,187	100.0	.5	15.0	82.4	2.1
Under 1,000 pounds	307	100.0	-	13.6	86.2	.2
1,000 to 9,999 pounds	632	100.0	-	20.0	79.4	.6
10,000 to 29,999 pounds	1,304	100.0	-	14.5	84.8	.7
30,000 to 59,999 pounds	3,586	100.0	.3	15.6	80.7	3.4
60,000 to 89,999 pounds	45	100.0	46.9	27.4	25.7	-
90,000 pounds and over	313	100.0	-	.5	99.5	-
200 to 399 miles	997	100.0	13.2	38.5	47.7	.6
Under 1,000 pounds	38	100.0	.4	94.8	4.6	.2
1,000 to 9,999 pounds	114	100.0	-	68.5	31.3	.2
10,000 to 29,999 pounds	138	100.0	-	43.7	55.4	.9
30,000 to 59,999 pounds	628	100.0	11.3	31.8	56.1	.8
60,000 to 89,999 pounds	68	100.0	86.3	13.7	-	-
90,000 pounds and over	11	100.0	16.9	-	83.1	-
400 to 599 miles	257	100.0	17.2	51.4	31.3	.1
Under 1,000 pounds	21	100.0	.3	98.3	.6	.8
1,000 to 9,999 pounds	46	100.0	-	83.3	16.7	-
10,000 to 29,999 pounds	38	100.0	.6	64.5	34.9	-
30,000 to 59,999 pounds	113	100.0	4.4	43.0	52.6	-
60,000 to 89,999 pounds	39	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-
600 to 999 miles	255	100.0	28.0	64.5	5.0	2.5
Under 1,000 pounds	31	100.0	.4	98.7	.7	.2
1,000 to 9,999 pounds	39	100.0	.4	96.5	2.9	.2
10,000 to 29,999 pounds	70	100.0	5.9	76.7	12.9	4.5
30,000 to 59,999 pounds	93	100.0	50.1	44.2	2.4	3.3
60,000 to 89,999 pounds	20	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	17.5	82.5	-	-
1,000 miles and over	362	100.0	30.5	46.6	15.8	7.1
Under 1,000 pounds	14	100.0	.8	87.6	9.7	1.9
1,000 to 9,999 pounds	72	100.0	.5	71.2	24.3	4.0
10,000 to 29,999 pounds	58	100.0	5.9	61.4	29.9	2.8
30,000 to 59,999 pounds	119	100.0	14.5	58.6	17.5	9.4
60,000 to 89,999 pounds	86	100.0	100.0	-	-	-
90,000 pounds and over	13	100.0	25.3	-	-	74.7
TON-MILES	(millions of ton-miles)					
Total[1]	1,631	100.0	18.9	39.6	37.6	3.9
Under 200 miles	425	100.0	.9	18.1	78.0	3.0
Under 1,000 pounds	14	100.0	.1	28.9	70.8	.2
1,000 to 9,999 pounds	39	100.0	-	32.4	67.3	.3
10,000 to 29,999 pounds	70	100.0	-	22.1	76.6	1.3
30,000 to 59,999 pounds	280	100.0	.7	15.2	79.9	4.2
60,000 to 89,999 pounds	5	100.0	36.2	40.8	23.0	-
90,000 pounds and over	17	100.0	-	.7	99.3	-
200 to 399 miles	281	100.0	14.4	39.3	45.5	.8
Under 1,000 pounds	11	100.0	.4	95.6	3.8	.2
1,000 to 9,999 pounds	31	100.0	-	70.1	29.7	.2
10,000 to 29,999 pounds	39	100.0	-	45.7	53.6	.7
30,000 to 59,999 pounds	176	100.0	12.5	32.3	54.1	1.1
60,000 to 89,999 pounds	21	100.0	83.9	16.1	-	-
90,000 pounds and over	3	100.0	21.0	-	79.0	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 033--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Bottled and Canned Soft Drinks and Flavorings

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	124	100.0	17.0	52.0	30.9	0.1
Under 1,000 pounds	11	100.0	.3	98.2	.7	.8
1,000 to 9,999 pounds	22	100.0	-	83.5	16.5	-
10,000 to 29,999 pounds	19	100.0	.7	67.9	31.4	-
30,000 to 59,999 pounds	54	100.0	4.9	42.1	53.0	-
60,000 to 89,999 pounds	18	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-
600 to 999 miles	194	100.0	28.1	64.8	4.3	2.8
Under 1,000 pounds	24	100.0	.4	98.6	.8	.2
1,000 to 9,999 pounds	30	100.0	.5	96.1	3.2	.2
10,000 to 29,999 pounds	51	100.0	5.0	79.1	11.1	4.8
30,000 to 59,999 pounds	71	100.0	48.1	45.7	2.1	4.1
60,000 to 89,999 pounds	17	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	15.9	84.1	-	-
1,000 miles and over	607	100.0	31.0	44.4	17.6	7.0
Under 1,000 pounds	22	100.0	1.1	86.1	10.5	2.3
1,000 to 9,999 pounds	125	100.0	.6	69.3	25.2	4.9
10,000 to 29,999 pounds	95	100.0	5.5	57.6	34.0	2.9
30,000 to 59,999 pounds	194	100.0	11.6	56.4	21.0	11.0
60,000 to 89,999 pounds	153	100.0	100.0	-	-	-
90,000 pounds and over	18	100.0	35.2	-	-	64.8

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 033--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Bottled and Canned Soft Drinks and Flavorings

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	9,587	100.0	4.3	19.6	74.3	-	0.3	1.3	0.2
New England	1,060	100.0	25.4	24.3	40.3	-	-	10.0	-
Middle Atlantic	2,782	100.0	.8	19.6	79.3	-	.2	-	.1
East North Central	1,259	100.0	4.6	39.2	55.0	-	-	1.2	-
West North Central	765	100.0	1.5	3.6	94.5	-	-	-	.4
South Atlantic	957	100.0	4.2	37.0	58.3	-	.5	-	-
East South Central	702	100.0	-	5.5	94.5	-	-	-	-
West South Central	913	100.0	-	4.0	95.0	-	-	-	1.0
Mountain	165	100.0	-	-	99.8	-	-	-	.2
Pacific[1]	984	100.0	.7	13.0	84.0	-	2.3	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,742	100.0	18.0	38.5	39.9	-	2.0	.9	.7
New England	346	100.0	64.7	21.6	10.5	-	-	3.2	-
Middle Atlantic	279	100.0	4.0	33.8	61.1	-	1.0	-	.1
East North Central	400	100.0	11.0	73.1	14.8	-	-	1.1	-
West North Central	52	100.0	7.6	10.0	82.0	-	-	-	.4
South Atlantic	228	100.0	12.6	37.1	48.2	-	2.1	-	-
East South Central	47	100.0	.1	28.8	71.1	-	-	-	-
West South Central	111	100.0	.1	11.1	78.1	-	-	.1	10.6
Mountain	13	100.0	-	-	99.9	-	-	-	.1
Pacific[1]	266	100.0	.9	35.3	53.3	-	10.4	.1	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 033--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Bottled and Canned Soft Drinks and Flavorings

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	9,587	9,587	864	2,329	1,090	910	1,476	769	927	259	963
Ton-miles.....millions..	1,742	1,742	125	288	204	125	.408	75	126	119	272
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	9,587	100.0	9.0	24.3	11.4	9.5	15.4	8.0	9.7	2.7	10.0
Shipments from--											
New England.....	1,060	100.0	62.4	19.1	5.0	1.2	8.0	-	1.0	1.6	1.7
Middle Atlantic.....	2,782	100.0	5.7	70.5	5.2	.6	17.7	.1	.1	-	.1
East North Central.....	1,259	100.0	2.6	7.7	63.0	8.9	4.6	3.5	1.9	2.5	5.3
West North Central.....	765	100.0	-	.2	2.2	97.2	-	-	-	.4	-
South Atlantic.....	957	100.0	.8	5.1	2.8	.3	77.3	13.1	.2	-	.4
East South Central.....	702	100.0	-	.1	4.3	.4	11.2	82.8	1.2	-	-
West South Central.....	913	100.0	-	-	-	.6	-	1.4	95.8	1.1	1.1
Mountain.....	165	100.0	-	-	-	4.4	-	-	-	95.6	-
Pacific[2].....	984	100.0	.4	1.7	2.7	.7	2.4	.3	.6	3.9	87.3
TON-MILES	(millions)										
U.S. total.....	1,742	100.0	7.2	16.5	11.7	7.2	23.5	4.3	7.2	6.8	15.6
Shipments from--											
New England.....	346	100.0	15.8	15.2	12.9	4.2	23.6	-	4.3	9.9	14.1
Middle Atlantic.....	279	100.0	10.3	47.2	6.9	4.9	25.3	.7	.9	.8	3.0
East North Central.....	400	100.0	6.5	11.0	17.3	8.3	10.2	3.7	3.3	10.6	29.1
West North Central.....	52	100.0	.1	2.4	6.4	86.6	.2	.2	.2	3.9	-
South Atlantic.....	228	100.0	2.8	7.6	6.4	1.3	67.0	10.3	.7	.1	3.8
East South Central.....	47	100.0	-	1.2	11.5	2.9	28.4	47.4	8.1	-	.5
West South Central.....	111	100.0	-	-	.1	2.0	-	6.3	75.3	5.1	11.2
Mountain.....	13	100.0	-	-	-	16.6	-	-	-	83.4	-
Pacific[2].....	266	100.0	3.3	15.2	17.9	3.8	18.5	2.0	2.5	8.0	28.8

[1]Shipping destinations to Alaska and Hawaii are included in the Pacific Division.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 033--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Bottled and Canned Soft Drinks and Flavorings

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	9,587	100.0	4.3	19.6	74.3	-	0.3	1.3	0.2
New England, total	1,060	100.0	25.4	24.3	40.3	-	-	10.0	-
Shipments to--									
New England	662	100.0	3.9	26.0	54.0	-	-	16.1	-
Middle Atlantic, total	2,782	100.0	.8	19.6	79.3	-	.2	-	.1
Shipments to--									
New England	158	100.0	3.4	25.9	70.7	-	-	-	-
Middle Atlantic	1,963	100.0	.3	19.5	79.9	-	.1	-	.2
East North Central	145	100.0	.3	17.7	82.0	-	-	-	-
South Atlantic	491	100.0	.4	16.3	82.8	-	.5	-	-
East North Central, total	1,259	100.0	4.6	39.2	55.0	-	-	1.2	-
Shipments to--									
Middle Atlantic	97	100.0	5.3	57.4	37.3	-	-	-	-
East North Central	792	100.0	1.7	23.7	73.2	-	-	1.4	-
West North Central	112	100.0	3.6	57.0	37.3	-	-	2.0	.1
West North Central, total	765	100.0	1.5	3.6	94.5	-	-	-	.4
Shipments to--									
West North Central	744	100.0	1.2	3.0	95.4	-	-	-	.4
South Atlantic, total	957	100.0	4.2	37.0	58.3	-	.5	-	-
Shipments to--									
South Atlantic	739	100.0	3.7	30.0	66.3	-	-	-	-
East South Central, total	702	100.0	-	5.5	94.5	-	-	-	-
Shipments to--									
East South Central	581	100.0	-	2.2	97.8	-	-	-	-
West South Central, total	913	100.0	-	4.0	95.0	-	-	-	1.0
Shipments to--									
West South Central	875	100.0	-	3.6	96.4	-	-	-	-
Mountain, total	165	100.0	-	-	99.8	-	-	-	.2
Shipments to--									
Mountain	158	100.0	-	-	99.8	-	-	-	.2
Pacific, total	984	100.0	.7	13.0	84.0	-	2.3	-	-
Shipments to--									
Pacific	860	100.0	-	8.4	89.0	-	2.6	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	1,742	100.0	18.0	38.5	39.9	-	2.0	.9	.7
New England, total	346	100.0	64.7	21.6	10.5	-	-	3.2	-
Shipments to--									
New England	55	100.0	5.5	26.9	47.3	-	-	20.3	-
Middle Atlantic, total	279	100.0	4.0	33.8	61.1	-	1.0	-	.1
Shipments to--									
New England	29	100.0	6.5	30.6	62.9	-	-	-	-
Middle Atlantic	131	100.0	.4	23.4	76.1	-	-	-	.1
East North Central	19	100.0	1.3	58.4	40.3	-	-	-	-
South Atlantic	71	100.0	.6	33.8	62.2	-	3.4	-	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 033--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Bottled and Canned Soft Drinks and Flavorings

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	400	100.0	11.0	73.1	14.8	-	-	1.1	-
Shipments to--									
Middle Atlantic	44	100.0	7.9	75.6	16.5	-	-	-	-
East North Central	69	100.0	5.7	30.5	60.1	-	-	3.7	-
West North Central	33	100.0	3.4	81.6	10.1	-	-	4.8	0.1
West North Central, total	52	100.0	7.6	10.0	82.0	-	-	-	.4
Shipments to--									
West North Central	45	100.0	4.5	6.6	88.4	-	-	-	.5
South Atlantic, total	228	100.0	12.6	37.1	48.2	-	2.1	-	-
Shipments to--									
South Atlantic	152	100.0	7.8	27.5	64.7	-	-	-	-
East South Central, total	47	100.0	.1	28.8	71.1	-	-	-	-
Shipments to--									
East South Central	22	100.0	.2	9.5	90.3	-	-	-	-
West South Central, total	111	100.0	.1	11.1	78.1	-	-	.1	10.6
Shipments to--									
West South Central	83	100.0	-	11.1	88.9	-	-	.1	-
Mountain, total	13	100.0	-	-	99.9	-	-	-	.1
Shipments to--									
Mountain	11	100.0	-	-	99.9	-	-	-	.1
Pacific, total	266	100.0	.9	35.3	53.3	-	10.4	.1	-
Shipments to--									
Pacific	77	100.0	.3	20.3	43.5	-	35.9	-	-

NOTE: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 033--Percent Distribution, by Means of Transport and Distance, for Plants: 1967

Bottled and Canned Soft Drinks and Flavorings

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	9,587	5,223	4,197	167	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,742	936	741	65
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	4.3	5.6	1.7	24.7	18.0	25.2	7.1	39.1
Motor carrier.....	19.6	15.5	23.2	58.5	38.5	42.5	32.6	49.9
Private truck.....	74.3	76.5	74.1	15.4	39.9	30.6	54.3	7.4
Air.....	-	-	-	-	-	-	-	-
Water.....	.3	-	.7	1.4	2.0	-	4.4	3.6
Other.....	1.3	2.3	-	-	.9	1.7	-	-
Unknown.....	.2	.1	.3	-	.7	-	1.6	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	62.3	68.9	55.9	18.2	15.6	16.2	16.0	2.5
100 to 199 miles.....	16.9	10.0	25.6	13.6	12.7	7.8	19.5	5.0
200 to 299 miles.....	7.4	6.9	7.6	17.1	10.1	9.7	10.6	10.5
300 to 399 miles.....	3.9	3.8	3.6	15.6	7.3	7.2	7.0	13.2
400 to 499 miles.....	2.0	2.0	1.6	7.0	4.8	5.1	4.0	8.1
500 to 999 miles.....	3.7	4.1	2.5	24.0	14.5	16.1	10.0	43.5
1,000 miles and over.....	3.8	4.3	3.2	4.5	35.0	37.9	32.9	17.2

TABLE 8. SHIPPER CLASS 033--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Bottled and Canned Soft Drinks and Flavorings

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	33.1	31.1	41.7	100.0
Highway facilities	79.0	78.1	84.2	66.7
Rail and highway facilities	28.0	26.6	34.3	66.7
Air facilities	83.8	83.6	84.1	100.0
Rail, highway, and air facilities	24.2	22.9	29.8	66.7
Water facilities	21.6	20.2	27.4	66.7
Rail, highway, air, and water facilities	8.0	6.4	14.9	66.7

NOTE: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 7.3 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 034--Percent Distribution of Distance, by Means of Transport: 1967

Tobacco Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,814	100.0	52.1	46.4	0.9	-	0.3	0.2	0.1
Under 50 miles	54	100.0	3.4	94.2	2.4	-	-	-	-
50 to 99 miles	162	100.0	15.6	79.5	4.9	-	-	-	-
100 to 199 miles	397	100.0	57.6	41.4	1.0	-	-	-	-
200 to 299 miles	207	100.0	48.2	50.9	.8	-	-	.1	-
300 to 399 miles	176	100.0	48.4	51.2	.1	0.1	-	.2	-
400 to 499 miles	213	100.0	48.1	51.7	-	-	-	.2	-
500 to 599 miles	106	100.0	50.4	49.0	-	-	-	.5	-
600 to 799 miles	150	100.0	48.7	50.8	-	.1	-	.5	-
800 to 999 miles	90	100.0	59.1	40.5	-	-	-	.4	-
1,000 to 1,499 miles	39	100.0	38.2	61.1	-	-	-	.7	-
1,500 miles and over	220	100.0	94.4	1.2	.4	.1	2.6	.1	1.2
TON-MILES	(millions of ton-miles)								
Total	1,064	100.0	69.0	27.3	.4	.1	2.5	.2	.5
Under 50 miles	2	100.0	3.3	94.3	2.4	-	-	-	-
50 to 99 miles	12	100.0	15.4	79.2	5.4	-	-	-	-
100 to 199 miles	57	100.0	59.1	39.8	1.1	-	-	-	-
200 to 299 miles	54	100.0	48.4	50.7	.8	-	-	.1	-
300 to 399 miles	63	100.0	47.8	51.8	.1	.1	-	.2	-
400 to 499 miles	95	100.0	47.8	52.0	-	-	-	.2	-
500 to 599 miles	59	100.0	50.0	49.4	-	.1	-	.5	-
600 to 799 miles	100	100.0	49.2	50.3	-	-	-	.5	-
800 to 999 miles	82	100.0	59.4	40.2	-	-	-	.4	-
1,000 to 1,499 miles	48	100.0	38.8	60.5	-	-	-	.7	-
1,500 miles and over	492	100.0	91.8	1.0	.5	.1	5.5	.1	1.0

[1]Distance of shipments to foreign destinations are calculated only to the U.S port of exit.

TABLE 2. SHIPPER CLASS 034--Percent Distribution of Weight, by Means of Transport: 1967

Tobacco Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,738	100.0	51.2	47.6	0.6	0.6
Under 1,000 pounds	110	100.0	1.9	94.7	.2	3.2
Under 50 pounds	2	100.0	2.4	42.2	-	55.4
50 to 99 pounds	4	100.0	3.8	79.6	-	16.6
100 to 199 pounds	20	100.0	2.2	94.2	.2	3.4
200 to 499 pounds	46	100.0	.8	97.7	.3	1.2
500 to 999 pounds	38	100.0	3.0	95.8	.2	1.0
1,000 to 9,999 pounds	91	100.0	3.5	93.6	2.2	.7
1,000 to 1,999 pounds	37	100.0	3.6	91.8	3.6	1.0
2,000 to 2,999 pounds	14	100.0	.2	96.4	1.0	2.4
3,000 to 3,999 pounds	7	100.0	.1	99.5	.4	-
4,000 to 4,999 pounds	8	100.0	.1	99.1	.8	-
5,000 to 9,999 pounds	25	100.0	7.1	91.3	1.6	-
10,000 to 29 999 pounds	236	100.0	7.2	91.1	1.7	-
10,000 to 19,999 pounds	41	100.0	6.4	88.7	4.9	-
20,000 to 29,999 pounds	195	100.0	7.4	91.5	1.1	-
30,000 to 59,999 pounds	619	100.0	49.5	48.8	.4	1.3
30,000 to 39,999 pounds	348	100.0	16.5	81.3	.6	1.6
40,000 to 49,999 pounds	121	100.0	84.3	15.5	.2	-
50,000 to 59,999 pounds	150	100.0	97.8	.5	-	1.7
60,000 to 89,999 pounds	456	100.0	88.5	11.4	.1	-
60,000 to 69,999 pounds	419	100.0	89.5	10.5	-	-
70,000 to 79,999 pounds	30	100.0	72.2	27.4	.4	-
80,000 to 89,999 pounds	7	100.0	98.1	-	1.9	-
90,000 pounds and over	226	100.0	69.2	30.4	.4	-
TON-MILES	(millions of ton-miles)					
Total	1,052	100.0	68.9	27.4	.3	3.4
Under 1,000 pounds	44	100.0	6.6	85.8	1.3	6.3
Under 50 pounds	1	100.0	3.6	34.6	-	61.8
50 to 99 pounds	2	100.0	4.4	70.9	-	24.7
100 to 199 pounds	10	100.0	5.7	88.3	1.1	4.9
200 to 499 pounds	18	100.0	3.5	91.8	1.6	3.1
500 to 999 pounds	13	100.0	12.3	81.8	1.4	4.5
1,000 to 9,999 pounds	36	100.0	17.1	73.8	5.4	3.7
1,000 to 1,999 pounds	15	100.0	17.3	62.7	12.5	7.5
2,000 to 2,999 pounds	4	100.0	.2	94.8	.4	4.6
3,000 to 3,999 pounds	1	100.0	-	99.7	.3	-
4,000 to 4,999 pounds	2	100.0	.1	99.5	.4	-
5,000 to 9,999 pounds	14	100.0	26.1	73.6	.3	-
10,000 to 29,999 pounds	95	100.0	14.5	84.7	.8	-
10,000 to 19,999 pounds	13	100.0	2.3	93.9	3.8	-
20,000 to 29,999 pounds	82	100.0	16.4	83.3	.3	-
30,000 to 59,999 pounds	489	100.0	70.2	23.5	-	6.3
30,000 to 39,999 pounds	170	100.0	19.6	65.0	.1	15.3
40,000 to 49,999 pounds	86	100.0	95.0	5.0	-	-
50,000 to 59,999 pounds	233	100.0	97.8	-	-	2.2
60,000 to 89,999 pounds	336	100.0	93.8	6.2	-	-
60,000 to 69,999 pounds	318	100.0	94.5	5.5	-	-
70,000 to 79,999 pounds	16	100.0	80.2	19.7	.1	-
80,000 to 89,999 pounds	2	100.0	98.9	-	1.1	-
90,000 pounds and over	52	100.0	83.1	16.8	.1	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 034--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Tobacco Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	1,738	100.0	51.2	47.6	0.6	0.6
Under 200 miles	538	100.0	37.2	61.5	1.3	-
Under 1,000 pounds	42	100.0	-	99.6	-	.4
1,000 to 9,999 pounds	41	100.0	.6	96.5	2.9	-
10,000 to 29,999 pounds	92	100.0	9.3	88.2	2.5	-
30,000 to 59,999 pounds	201	100.0	45.4	53.5	1.1	-
60,000 to 89,999 pounds	43	100.0	93.1	6.0	.9	-
90,000 pounds and over	119	100.0	50.4	48.8	.8	-
200 to 399 miles	383	100.0	48.3	51.0	.5	.2
Under 1,000 pounds	29	100.0	.5	97.2	-	2.3
1,000 to 9,999 pounds	25	100.0	.1	99.7	.2	-
10,000 to 29,999 pounds	43	100.0	6.6	89.4	4.0	-
30,000 to 59,999 pounds	106	100.0	30.0	69.9	.1	-
60,000 to 89,999 pounds	105	100.0	74.9	25.1	-	-
90,000 pounds and over	75	100.0	95.9	4.1	-	-
400 to 599 miles	319	100.0	48.9	50.7	-	.4
Under 1,000 pounds	14	100.0	1.2	94.1	-	4.7
1,000 to 9,999 pounds	10	100.0	1.5	94.5	.6	3.4
10,000 to 29,999 pounds	46	100.0	1.5	98.4	.1	-
30,000 to 59,999 pounds	82	100.0	15.8	84.2	-	-
60,000 to 89,999 pounds	135	100.0	87.2	12.8	-	-
90,000 pounds and over	32	100.0	76.3	23.7	-	-
600 to 999 miles	239	100.0	52.6	46.9	-	.5
Under 1,000 pounds	15	100.0	2.8	90.0	-	7.2
1,000 to 9,999 pounds	8	100.0	.1	98.2	-	1.7
10,000 to 29,999 pounds	47	100.0	-	100.0	-	-
30,000 to 59,999 pounds	65	100.0	42.7	57.3	-	-
60,000 to 89,999 pounds	104	100.0	94.2	5.8	-	-
90,000 pounds and over	-	-	-	-	-	-
1,000 miles and over	259	100.0	85.9	10.2	.4	3.5
Under 1,000 pounds	8	100.0	16.2	70.9	3.0	9.9
1,000 to 9,999 pounds	6	100.0	41.7	44.9	10.1	3.3
10,000 to 29,999 pounds	8	100.0	65.1	34.9	-	-
30,000 to 59,999 pounds	166	100.0	86.2	9.0	-	4.8
60,000 to 89,999 pounds	71	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	1,052	100.0	68.9	27.4	.3	3.4
Under 200 miles	59	100.0	43.0	55.9	1.1	-
Under 1,000 pounds	5	100.0	-	99.5	-	.5
1,000 to 9,999 pounds	5	100.0	.6	96.9	2.5	-
10,000 to 29,999 pounds	9	100.0	10.7	86.7	2.6	-
30,000 to 59,999 pounds	22	100.0	49.9	49.2	.9	-
60,000 to 89,999 pounds	6	100.0	95.3	4.1	.6	-
90,000 pounds and over	12	100.0	60.0	39.6	.4	-
200 to 399 miles	117	100.0	48.1	51.3	.4	.2
Under 1,000 pounds	8	100.0	.4	97.0	-	2.6
1,000 to 9,999 pounds	7	100.0	.1	99.7	.2	-
10,000 to 29,999 pounds	13	100.0	7.6	88.7	3.7	-
30,000 to 59,999 pounds	32	100.0	23.9	76.0	.1	-
60,000 to 89,999 pounds	32	100.0	72.3	27.7	-	-
90,000 pounds and over	25	100.0	97.3	2.7	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 034--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Tobacco Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES-Continued	(millions of ton-miles)					
400 to 599 miles	154	100.0	48.6	51.0	-	0.4
Under 1,000 pounds	7	100.0	1.3	93.8	-	4.9
1,000 to 9,999 pounds	5	100.0	1.3	94.3	0.6	3.8
10,000 to 29,999 pounds	23	100.0	1.8	98.1	.1	-
30,000 to 59,999 pounds	40	100.0	14.8	85.2	-	-
60,000 to 89,999 pounds	65	100.0	88.0	12.0	-	-
90,000 pounds and over	14	100.0	77.4	22.6	-	-
600 to 999 miles	183	100.0	53.8	45.7	-	.5
Under 1,000 pounds	12	100.0	2.6	90.6	-	6.8
1,000 to 9,999 pounds	7	100.0	.1	98.5	-	1.4
10,000 to 29,999 pounds	36	100.0	-	100.0	-	-
30,000 to 59,999 pounds	47	100.0	44.8	55.2	-	-
60,000 to 89,999 pounds	81	100.0	95.2	4.8	-	-
90,000 pounds and over	-	-	-	-	-	-
1,000 miles and over	539	100.0	87.2	6.2	.4	6.2
Under 1,000 pounds	12	100.0	20.1	63.7	4.6	11.6
1,000 to 9,999 pounds	13	100.0	46.6	31.5	13.9	8.0
10,000 to 29,999 pounds	14	100.0	80.9	19.1	-	-
30,000 to 59,999 pounds	348	100.0	85.6	5.5	-	8.9
60,000 to 89,999 pounds	152	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 034--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Tobacco Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,814	100.0	52.1	46.4	0.9	-	0.3	0.2	0.1
South Atlantic	1,424	100.0	52.2	46.0	1.1	-	.4	.1	.2
East South Central	341	100.0	57.9	42.0	-	-	-	.1	-
Balance of United States[1]	49	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,064	100.0	69.0	27.3	.4	0.1	2.5	.2	.5
South Atlantic	870	100.0	70.7	25.0	.5	-	3.1	.1	.6
East South Central	168	100.0	68.2	31.7	-	-	-	.1	-
Balance of United States[1]	26	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 034--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Tobacco Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,814	1,814	66	178	218	78	789	131	122	32	200
Ton-miles.....millions..	1,064	1,064	31	74	86	57	163	43	102	51	457
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,814	100.0	3.6	9.8	12.0	4.3	43.7	7.2	6.7	1.7	11.0
Shipments from--											
South Atlantic.....	1,424	100.0	4.3	10.3	9.0	3.2	48.0	5.7	5.6	2.1	11.8
East South Central.....	341	100.0	.9	6.9	23.0	8.0	28.6	14.0	10.4	-	8.2
Balance of United States[2]..	49	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	1,064	100.0	3.6	9.8	12.0	4.3	43.7	7.2	6.7	1.7	11.0
Shipments from--											
South Atlantic.....	870	100.0	3.3	6.6	7.4	4.5	14.2	4.2	8.5	5.8	45.5
East South Central.....	168	100.0	1.5	8.2	10.9	9.0	21.3	3.4	14.1	.1	31.5
Balance of United States[2]..	26	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included in the Pacific Division.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 034--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Tobacco Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,814	100.0	52.1	46.4	0.9	-	0.3	0.2	0.1
South Atlantic, total	1,424	100.0	52.2	46.0	1.1	-	.4	.1	.2
Shipments to:									
Middle Atlantic	146	100.0	29.5	70.3	-	-	-	.2	-
East North Central	128	100.0	50.8	48.9	-	-	-	.3	-
South Atlantic	685	100.0	45.5	52.2	2.2	-	-	.1	-
East South Central	81	100.0	55.8	43.7	.4	-	-	.1	-
East South Central, total	341	100.0	57.9	42.0	-	-	-	.1	-
Shipments to:									
East North Central	78	100.0	41.7	58.2	-	-	-	.1	-
East South Central	48	100.0	38.9	61.1	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
United States, total	1,064	100.0	69.0	27.3	.4	0.1	2.5	.2	.5
South Atlantic, total	870	100.0	70.7	25.0	.5	-	3.1	.1	.6
Shipments to:									
Middle Atlantic	58	100.0	30.3	69.6	-	-	-	.1	-
East North Central	65	100.0	48.4	51.3	-	-	-	.3	-
South Atlantic	123	100.0	51.9	46.5	1.4	-	-	.2	-
East South Central	36	100.0	56.7	42.9	.3	-	-	.1	-
East South Central, total	168	100.0	68.2	31.7	-	-	-	.1	-
Shipments to:									
East North Central	18	100.0	41.0	58.9	-	-	-	.1	-
East South Central	6	100.0	51.7	48.2	-	-	-	.1	-

NOTE: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 034--Percent Distribution, by Means of Transport and Distance, for Plants: 1967

Tobacco Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,814	-	542	1,272	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,064	-	122	942
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	52.1	-	46.6	54.5	69.0	-	47.7	71.8
Motor carrier.....	46.4	-	51.7	44.1	27.3	-	50.2	24.3
Private truck.....	.9	-	1.3	.7	.4	-	.6	.4
Air.....	-	-	.1	-	.1	-	.6	-
Water.....	.3	-	-	.4	2.5	-	-	2.9
Other.....	.2	-	.3	.1	.2	-	.9	.1
Unknown.....	.1	-	-	.2	.5	-	-	.5
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	11.9	-	24.4	6.6	1.3	-	7.0	.6
100 to 199 miles.....	22.0	-	40.5	14.0	5.3	-	23.6	2.9
200 to 299 miles.....	11.4	-	12.0	11.2	5.1	-	13.7	4.0
300 to 399 miles.....	9.7	-	11.2	9.0	5.9	-	18.7	4.3
400 to 499 miles.....	11.7	-	6.6	13.9	8.9	-	13.5	8.3
500 to 999 miles.....	19.0	-	3.2	25.8	22.7	-	10.1	24.4
1,000 miles and over.....	14.3	-	2.1	19.5	50.8	-	13.4	55.5

TABLE 8. SHIPPER CLASS 034--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Tobacco Products

Shipping facilities available	All plants	Plants with--	
		100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0
Rail facilities	73.6	65.9	87.3
Highway facilities	69.4	70.3	67.8
Rail and highway facilities	48.7	45.1	55.1
Air facilities	89.2	94.1	80.6
Rail, highway, and air facilities	46.8	42.2	55.1
Water facilities	17.3	16.8	18.2
Rail, highway, air, and water facilities	12.5	9.3	18.2

NOTE: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.4 percent reported they did not have any of the above transportation facilities available.

Shipper Group 4

Basic Textiles and Leather Products

041 Broadwoven fabrics
042 Other basic textiles
043 Footwear, except rubber
044 Leather and leather products, except clothing

SAMPLE SIZE

The sample for this shipper group consisted of 675 establishments, of which 594 were in scope and provided data from 78,301 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (81 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 04 and their related SIC industries are as follows:

Shipper Class 041.--Broadwoven fabrics
- SIC 2211.--Broadwoven fabric mills, cotton
- SIC 2221.--Broadwoven fabric mills, manmade fiber and silk
- SIC 2231.--Broadwoven fabric mills, wool: including dyeing and finishing
- SIC 2261.--Finishers of broadwoven fabrics of cotton
- SIC 2262.--Finishers of broadwoven fabrics of manmade fiber and silk

Shipper Class 042.--Other basic textiles
- SIC 2241.--Narrow fabrics and other smallwares mills: cotton, wool, silk, and manmade fiber
- SIC 2256.--Knit fabric mills
- SIC 2269.--Finishers of textiles, n.e.c.
- SIC 2271.--Woven carpets and rugs
- SIC 2272.--Tufted carpets and rugs
- SIC 2279.--Carpets and rugs, n.e.c.
- SIC 2281.--Yarn spinning mills: cotton, manmade fibers, and silk
- SIC 2282.--Yarn throwing, twisting, and winding mills; cotton, manmade fibers, and silk
- SIC 2283.--Yarn mills, wool, including carpet and rug yarn
- SIC 2284.--Thread mills
- SIC 2291.--Felt goods, except woven felts and hats
- SIC 2292.--Lace goods
- SIC 2293.--Paddings and upholstery filling
- SIC 2294.--Processed waste and recovered fibers and flock
- SIC 2295.--Artificial leather, oilcloth, and other impregnated and coated fabrics, except rubberized
- SIC 2296.--Tire cord and fabric
- SIC 2297.--Wool scouring, worsted combing, and tow to top mills
- SIC 2298.--Cordage and twine
- SIC 2299.--Textile goods, n.e.c.

Shipper Class 043.--Footwear, except rubber
- SIC 3141.--Footwear, except house slippers and rubber footwear
- SIC 3142.--House slippers

Shipper Class 044.--Leather and leather products, except clothing
- SIC 3111.--Leather tanning and finishing
- SIC 3121.--Industrial leather belting and packing
- SIC 3131.--Boot and shoe cut stock and findings
- SIC 3151.--Leather gloves and mittens
- SIC 3161.--Luggage
- SIC 3171.--Women's handbags and purses
- SIC 3172.--Personal leather goods, except women's handbags and purses
- SIC 3199.--Leather goods, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
041–Broadwoven fabrics	2211,2221,2222,2231, 2392 (part)	2211,2221,2231,2261, 2262
042–Other basic textiles	2241,2251,2271,2272, 2279,2281,2284, 2291,2292,2293,2294, 2295,2296,2297,2298, 2299	2241,2256,2269,2271, 2272,2279,2281,2282, 2283,2284,2291,2292, 2293,2294,2295,2296, 2297,2298,2299
043–Footwear, exept rubber	3141,3142	3141,3142
044–Leather and leather products, except clothing	3111,3121,3131,3151, 3161,3199	3111,3121,3131,3151, 3161,3171,3172,3199

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 90 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total	
		Major commodities	Secondary commodities
Group 04	14,495	89.6	10.4
Class 041	5,517	83.6	16.4
Class 042	7,695	94.2	5.8
Class 043	409	96.6	3.4
Class 044	874	84.0	16.0

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Basic Textiles and Leather Products Shipper Group shipped (beyond the local area) about 14,495,000 tons of commodities during 1967. Those shipments generated about 6 billion ton-miles by all means of transport combined, averaging about 432 straight-line miles per ton shipped.

As shown in table A, two shipper classes, Broadwoven Fabrics and Other Basic Textiles, dominated this group, shipping about 91 percent of the total tons. The Leather and Leather Products Shipper Class shipped about 6 percent of the total tons, and the Footwear Shipper Class shipped about 3 percent.

Motor carriers were the dominant means of transport for the shipper group and for each of the shipper classes, and private trucks were the second most important carrier. Rails transported 9 percent of the tons for the shipper group, and from 4 to 11 percent for the shipper classes.

When measured in terms of ton-miles rather than tons, motor carriers again were dominant and their share of the ton-miles exceeded their share of tons. Rails were the second most important carriers for the shipper group and each of the shipper classes because of longer hauls by rail than by private truck. Of the 6.3 billion ton-miles for the shipper group, 4.0 billion were by motor carriers, with 1.0 billion each by rail and private truck.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (that is beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 2 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Basic Textiles and Leather Products Shipper Group and each shipper class for both years. An increase is indicated for the shipper group, from 12.4 million tons in 1963 to 14.5 million tons in 1967. Increases also occur in each of the shipper classes, with the exception of Footwear, Except Rubber.

As shown in table C, the relative distribution between means of transport for the two years is fairly stable for the shipper group and the shipper classes. Rails and motor carriers each show a decrease in 1967 for the shipper group, with the gain occurring in private trucks. Each of the shipper classes shows an increase in the share carried by private trucks for the year 1967--the greatest increase (15 percent) occurring in the Other Basic Textiles Shipper Class

There is a general tendency toward shorter hauls in 1967 for the shipper group and for the two largest shipper classes, Broadwoven Fabrics and Other Basic Textiles. In the Footwear, Except Rubber Shipper Class, the hauls in 1967 appear to be longer. In the Leather and Leather Products, Except Clothing Shipper Class, the average length of haul for motor carriers, the dominant means of transport, is over 200 miles longer in 1967 than in 1963. It should be noted that the average length of haul (table D) is based solely on *intercity* (i.e., beyond the local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 04: Basic textiles and leather products	14,495	1,320	8,662	4,321	192
Shipper Classes:					
041. Broadwoven fabrics	5,517	378	3,748	1,337	54
042. Other basic textiles	7,695	846	4,142	2,631	76
043. Footwear, except rubber	409	16	251	110	32
044. Leather and leather products, except clothing	874	80	521	243	30
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 04: Basic textiles and leather products	6,268	1,041	3,961	1,008	258
Shipper Classes:					
041. Broadwoven fabrics	2,413	315	1,738	304	56
042. Other basic textiles	3,170	647	1,756	629	138
043. Footwear, except rubber	240	24	167	11	38
044. Leather and leather products, except clothing	445	55	300	64	26

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 04: Basic textiles and leather products	14,495	12,381	12,609
Shipper Classes:			
041. Broadwoven fabrics	5,517	5,415	5,479
042. Other basic textiles	7,695	5,555	5,662
043. Footwear, except rubber	409	591	591
044. Leather and leather products, except clothing	874	820	877

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 04: Basic textiles and leather products:					
1967	100.0	9.1	59.8	29.8	1.3
1963	100.0	13.5	65.3	19.0	2.2
Shipper Classes					
041. Broadwoven fabrics:					
1967	100.0	6.9	67.9	24.2	1.0
1963	100.0	14.5	63.7	20.3	1.5
042. Other basic textiles:					
1967	100.0	11.0	53.9	34.2	.9
1963	100.0	11.6	68.2	19.0	1.2
043. Footwear, except rubber:					
1967	100.0	3.9	61.2	27.0	7.9
1963	100.0	.8	76.8	14.4	8.0
044. Leather and leather products, except clothing:					
1967	100.0	9.2	59.6	27.8	3.4
1963	100.0	27.8	49.5	13.7	8.9
TON-MILES					
Shipper Group 04: Basic textiles and leather products:					
1967	100.0	16.6	63.2	16.1	4.1
1963	100.0	25.3	58.8	11.5	4.4
Shipper Classes					
041. Broadwoven fabrics:					
1967	100.0	13.0	72.1	12.6	2.3
1963	100.0	27.9	53.6	14.7	3.8
042. Other basic textiles:					
1967	100.0	20.4	55.4	19.8	4.4
1963	100.0	23.9	64.8	8.9	2.4
043. Footwear, except rubber:					
1967	100.0	9.8	69.8	4.7	15.7
1963	100.0	1.8	81.4	5.1	11.7
044. Leather and leather products, except clothing:					
1967	100.0	12.4	67.4	14.3	5.9
1963	100.0	33.3	37.5	11.0	18.2

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 04: Basic textiles and leather products:				
1967	432	789	457	233
1963	513	962	462	311
SHIPPER CLASSES				
041. Broadwoven fabrics:				
1967	437	833	464	227
1963	537	1,033	452	388
042. Other basic textiles:				
1967	412	765	424	239
1963	501	1,030	476	234
043. Footwear, except rubber:				
1967	587	1,500	665	100
1963	503	1,000	533	176
044. Leather and leather products, except clothing:				
1967	509	688	576	263
1963	455	543	346	367

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 04: Basic Textiles and Leather Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	8.5	62.6	27.5	1.4
1963	100.0	11.5	72.2	14.0	2.3
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	2.3	52.7	44.5	.5
1963	100.0	5.8	70.9	22.3	1.0
200 to 399 miles:					
1967	100.0	9.0	74.0	15.7	1.3
1963	100.0	6.1	68.6	23.4	1.9
400 to 599 miles:					
1967	100.0	11.1	74.6	13.5	.8
1963	100.0	8.0	84.4	6.8	.8
600 miles and over:					
1967	100.0	18.4	67.1	10.9	3.6
1963	100.0	24.2	64.4	6.0	5.4
WEIGHT					
Under 1,000 pounds:					
1967	100.0	2.8	85.2	7.3	4.7
1963	100.0	4.2	80.8	8.0	7.0
1,000 to 9,999 pounds:					
1967	100.0	2.3	77.1	19.3	1.3
1963	100.0	2.4	84.9	11.3	1.4
10,000 to 29,999 pounds:					
1967	100.0	7.2	59.3	33.4	.1
1963	100.0	6.9	64.4	27.5	1.2
30,000 pounds and over:					
1967	100.0	21.2	35.8	41.8	1.2
1963	100.0	36.7	51.5	10.7	1.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 04: Basic Textiles and Leather Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	9.1	59.8	29.8	1.3
1963	100.0	13.5	65.3	19.0	2.2
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	5.2	63.6	27.4	3.8
20 to 99 employees:					
1967	100.0	6.6	65.1	26.2	2.1
1963	100.0	4.0	81.6	12.0	2.4
100 to 499 employees:					
1967	100.0	6.3	56.1	36.2	1.4
1963	100.0	10.0	62.8	25.1	2.0
500 employees and over:					
1967	100.0	13.9	64.0	21.1	1.0
1963	100.0	20.2	61.0	16.8	2.0

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 04: Basic Textiles and Leather Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	9.1	59.8	29.8	1.3
1963	100.0	13.5	65.3	19.0	2.2
New England:					
1967	100.0	5.0	83.0	8.3	3.7
1963	100.0	5.4	77.5	15.9	1.2
Middle Atlantic.					
1967	100.0	5.6	83.5	9.5	1.4
1963	100.0	6.2	67.7	18.7	7.4
East North Central:					
1967	100.0	23.6	41.2	33.8	1.4
1963	100.0	40.7	50.8	6.1	2.4
South Atlantic:					
1967	100.0	8.9	54.0	36.6	.5
1963	100.0	10.6	66.2	21.8	1.4
East South Central:					
1967	100.0	18.5	54.9	26.1	.5
1963	100.0	26.2	64.2	8.5	1.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 04: BASIC TEXTILES AND LEATHER PRODUCTS		
Total shipments	14,495	11.2
Shipments by--		
Rail	1,320	16.0
Motor carrier	8,662	12.6
Private truck	4,321	28.6
All other	192	-
Shipments from--		
New England Division	1,506	19.8
Middle Atlantic Division	1,568	31.6
East North Central Division	598	37.6
West North Central Division	175	34.0
South Atlantic Division	9,284	17.2
East South Central Division	877	25.2
West South Central Division	152	52.2
Mountain Division	14	8.4
Pacific Division	321	46.4
SHIPPER CLASS 041: BROADWOVEN FABRICS		
Total shipments	5,517	10.8
Shipments by--		
Rail	378	13.6
Motor carrier	3,748	14.6
Private truck	1,337	21.8
All other	54	-
Shipments from--		
New England Division	584	40.0
Middle Atlantic Division	665	72.4
South Atlantic Division	3,721	11.4
East South Central Division	466	26.0
Balance of United States	81	-
SHIPPER CLASS 042: OTHER BASIC TEXTILES		
Total shipments	7,695	20.4
Shipments by--		
Rail	846	20.4
Motor carrier	4,142	23.8
Private truck	2,631	48.4
All other	76	-
SHIPPER GROUP 042: OTHER BASIC TEXTILES--Continued		
Shipments from--		
New England Division	530	17.0
Middle Atlantic Division	704	20.6
East North Central Division	415	53.0
South Atlantic Division	5,476	28.6
East South Central Division	204	44.2
Pacific Division	285	51.4
Balance of United States	81	-
SHIPPER CLASS 043: FOOTWEAR, EXCEPT RUBBER		
Total shipments	409	15.4
Shipments by--		
Rail	16	54.4
Motor carrier	251	21.0
Private truck	110	25.4
All other	32	-
Shipments from--		
New England Division	201	28.8
Middle Atlantic Division	34	31.4
East North Central Division	94	40.4
West North Central Division	23	44.2
East South Central Division	38	50.2
Balance of United States	19	-
SHIPPER CLASS 044: LEATHER AND LEATHER PRODUCTS, EXCEPT CLOTHING		
Total shipments	874	17.2
Shipments by--		
Rail	80	37.0
Motor carrier	521	15.0
Private truck	243	35.8
All other	30	-
Shipments from--		
New England Division	191	32.0
Middle Atlantic Division	166	30.6
East North Central Division	84	30.4
West North Central Division	138	42.2
South Atlantic Division	79	62.0
East South Central Division	169	51.4
Balance of United States	47	-

TABLE 1. SHIPPER GROUP 04--Percent Distribution of Distance, by Means of Transport: 1967

Basic Textiles and Leather Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	14,495	100.0	9.1	59.8	29.8	0.1	0.3	0.8	0.1
Under 50 miles	1,334	100.0	.7	55.6	43.2	.1	-	.4	-
50 to 99 miles	1,928	100.0	3.3	44.3	52.2	-	-	.2	-
100 to 199 miles	3,492	100.0	2.2	50.7	46.6	-	-	.4	.1
200 to 299 miles	924	100.0	6.7	68.5	23.5	-	-	1.3	-
300 to 399 miles	956	100.0	15.5	72.0	11.4	-	-	1.1	-
400 to 499 miles	1,066	100.0	8.9	70.3	19.9	.1	-	.7	.1
500 to 599 miles	1,328	100.0	16.1	72.8	10.4	.1	-	.5	.1
600 to 799 miles	1,712	100.0	18.2	66.8	13.9	.2	-	.9	-
800 to 999 miles	648	100.0	12.5	73.4	12.4	.2	-	1.2	.3
1,000 to 1,199 miles	230	100.0	14.6	68.6	12.6	.6	-	3.5	.1
1,200 to 1,499 miles	115	100.0	6.4	72.0	17.1	.4	-	4.0	.1
1,500 to 1,999 miles	243	100.0	22.2	65.0	11.0	.1	-	1.6	.1
2,000 miles and over	519	100.0	31.4	46.1	8.3	1.1	8.6	4.5	-
TON-MILES	(millions of ton-miles)								
Total	6,268	100.0	16.6	63.2	16.1	.3	1.9	1.8	.1
Under 50 miles	40	100.0	.7	53.2	45.6	.1	-	.4	-
50 to 99 miles	133	100.0	3.9	47.3	48.6	-	-	.2	-
100 to 199 miles	529	100.0	2.1	54.1	43.3	-	-	.4	.1
200 to 299 miles	229	100.0	7.0	67.4	24.1	-	-	1.5	-
300 to 399 miles	335	100.0	14.9	72.4	11.6	-	-	1.1	-
400 to 499 miles	473	100.0	9.1	69.5	20.5	.1	-	.7	.1
500 to 599 miles	717	100.0	16.1	72.8	10.4	.1	-	.5	.1
600 to 799 miles	1,193	100.0	18.3	66.7	13.9	.2	-	.9	-
800 to 999 miles	575	100.0	12.6	73.4	12.4	.2	-	1.2	.2
1,000 to 1,199 miles	250	100.0	14.3	68.7	12.9	.5	-	3.5	.1
1,200 to 1,499 miles	153	100.0	6.5	72.0	17.0	.4	-	4.0	.1
1,500 to 1,999 miles	430	100.0	22.5	64.9	10.8	.1	-	1.6	.1
2,000 miles and over	1,211	100.0	30.2	46.5	7.4	1.2	10.0	4.7	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 04--Percent Distribution of Weight, by Means of Transport: 1967

Basic Textiles and Leather Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	13,565	100.0	8.5	62.6	27.5	1.4
Under 1,000 pounds	1,902	100.0	2.8	85.2	7.3	4.7
Under 50 pounds	79	100.0	3.6	43.9	4.1	48.4
50 to 99 pounds	118	100.0	4.4	79.7	6.6	9.3
100 to 199 pounds	272	100.0	2.5	88.1	5.4	4.0
200 to 499 pounds	663	100.0	2.8	87.6	7.4	2.2
500 to 999 pounds	770	100.0	2.5	87.7	8.2	1.6
1,000 to 9,999 pounds	4,159	100.0	2.3	77.1	19.3	1.3
1,000 to 1,999 pounds	1,008	100.0	1.9	84.3	12.1	1.7
2,000 to 2,999 pounds	723	100.0	1.9	83.0	13.6	1.5
3,000 to 3,999 pounds	557	100.0	1.3	70.4	27.1	1.2
4,000 to 4,999 pounds	465	100.0	3.4	74.4	20.8	1.4
5,000 to 9,999 pounds	1,406	100.0	2.8	72.8	23.7	.7
10,000 to 29,999 pounds	4,170	100.0	7.2	59.3	33.4	.1
10,000 to 19,999 pounds	1,835	100.0	8.4	52.3	39.0	.3
20,000 to 29,999 pounds	2,335	100.0	6.2	64.7	29.1	-
30,000 to 59,999 pounds	2,635	100.0	12.0	34.3	52.2	1.5
30,000 to 39,999 pounds	1,954	100.0	5.9	30.0	64.1	-
40,000 to 49,999 pounds	512	100.0	14.1	56.3	21.9	7.7
50,000 to 59,999 pounds	169	100.0	76.0	17.4	6.6	-
60,000 to 89,999 pounds	544	100.0	53.6	44.7	1.7	-
60,000 to 69,999 pounds	188	100.0	91.4	7.2	1.4	-
70,000 to 79,999 pounds	185	100.0	48.5	50.1	1.4	-
80,000 to 89,999 pounds	171	100.0	17.8	79.8	2.4	-
90,000 pounds and over	155	100.0	64.8	28.7	6.5	-
TON-MILES	(millions of ton-miles)					
Total	5,920	100.0	16.0	65.6	14.2	4.2
Under 1,000 pounds	1,154	100.0	5.8	81.4	4.6	8.2
Under 50 pounds	57	100.0	4.3	43.8	1.6	50.3
50 to 99 pounds	84	100.0	7.1	76.5	2.8	13.6
100 to 199 pounds	178	100.0	5.0	84.6	2.8	7.6
200 to 499 pounds	402	100.0	6.2	84.9	4.7	4.2
500 to 999 pounds	433	100.0	5.8	83.0	5.9	5.3
1,000 to 9,999 pounds	1,904	100.0	5.3	81.2	10.7	2.8
1,000 to 1,999 pounds	495	100.0	4.7	83.7	8.0	3.6
2,000 to 2,999 pounds	367	100.0	4.4	82.2	8.0	5.4
3,000 to 3,999 pounds	201	100.0	4.4	76.9	16.6	2.1
4,000 to 4,999 pounds	226	100.0	7.3	81.5	10.1	1.1
5,000 to 9,999 pounds	615	100.0	6.0	79.7	12.9	1.4
10,000 to 29,999 pounds	1,316	100.0	16.7	60.4	22.6	.3
10,000 to 19,999 pounds	633	100.0	19.9	57.0	22.3	.8
20,000 to 29,999 pounds	683	100.0	13.8	63.2	23.0	-
30,000 to 59,999 pounds	1,074	100.0	19.6	44.5	26.5	9.4
30,000 to 39,999 pounds	645	100.0	12.8	48.1	39.1	-
40,000 to 49,999 pounds	338	100.0	14.8	45.9	9.5	29.8
50,000 to 59,999 pounds	91	100.0	84.1	15.1	.8	-
60,000 to 89,999 pounds	301	100.0	66.4	32.9	.7	-
60,000 to 69,999 pounds	115	100.0	92.7	7.0	.3	-
70,000 to 79,999 pounds	89	100.0	58.1	41.6	.3	-
80,000 to 89,999 pounds	97	100.0	42.9	55.6	1.5	-
90,000 pounds and over	171	100.0	87.5	12.1	.4	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 04--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Basic Textiles and Leather Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	13,565	100.0	8.5	62.6	27.5	1.4
Under 200 miles	6,279	100.0	2.3	52.7	44.5	.5
Under 1,000 pounds	557	100.0	.4	86.0	10.8	2.8
1,000 to 9,999 pounds	1,649	100.0	.5	67.6	31.3	.6
10,000 to 29,999 pounds	2,690	100.0	2.0	57.5	40.4	.1
30,000 to 59,999 pounds	1,318	100.0	3.4	12.2	84.4	-
60,000 to 89,999 pounds	29	100.0	52.5	27.0	20.5	-
90,000 pounds and over	36	100.0	46.7	25.0	28.3	-
200 to 399 miles	1,740	100.0	9.0	74.0	15.7	1.3
Under 1,000 pounds	307	100.0	1.1	90.1	5.7	3.1
1,000 to 9,999 pounds	637	100.0	.4	84.7	12.8	2.1
10,000 to 29,999 pounds	351	100.0	7.6	62.2	30.0	.2
30,000 to 59,999 pounds	264	100.0	10.5	63.2	26.3	-
60,000 to 89,999 pounds	163	100.0	54.7	45.2	.1	-
90,000 pounds and over	18	100.0	33.9	66.1	-	-
400 to 599 miles	2,275	100.0	11.1	74.6	13.5	.8
Under 1,000 pounds	337	100.0	1.8	86.0	8.7	3.5
1,000 to 9,999 pounds	772	100.0	1.7	83.2	14.7	.4
10,000 to 29,999 pounds	438	100.0	18.3	63.9	17.7	.1
30,000 to 59,999 pounds	473	100.0	11.5	71.0	17.5	-
60,000 to 89,999 pounds	251	100.0	38.0	60.8	1.2	-
90,000 pounds and over	4	100.0	100.0	-	-	-
600 to 999 miles	2,242	100.0	15.9	70.0	12.8	1.3
Under 1,000 pounds	406	100.0	3.9	85.9	6.0	4.2
1,000 to 9,999 pounds	781	100.0	4.5	86.0	8.6	.9
10,000 to 29,999 pounds	529	100.0	15.2	65.9	18.2	.7
30,000 to 59,999 pounds	439	100.0	37.6	40.0	22.4	-
60,000 to 89,999 pounds	58	100.0	89.8	10.2	-	-
90,000 pounds and over	29	100.0	28.9	71.1	-	-
1,000 miles and over	1,029	100.0	24.0	60.6	6.7	8.7
Under 1,000 pounds	295	100.0	8.5	78.4	2.1	11.0
1,000 to 9,999 pounds	320	100.0	11.0	76.4	7.2	5.4
10,000 to 29,999 pounds	161	100.0	35.0	47.3	17.4	.3
30,000 to 59,999 pounds	141	100.0	17.3	46.5	8.3	27.9
60,000 to 89,999 pounds	44	100.0	92.2	7.8	-	-
90,000 pounds and over	68	100.0	95.4	4.6	-	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	5,920	100.0	16.0	65.6	14.2	4.2
Under 200 miles	672	100.0	2.3	54.4	42.8	.5
Under 1,000 pounds	53	100.0	.5	88.9	7.5	3.1
1,000 to 9,999 pounds	152	100.0	.6	72.8	25.6	1.0
10,000 to 29,999 pounds	312	100.0	2.1	60.7	37.1	.1
30,000 to 59,999 pounds	149	100.0	3.3	10.9	85.8	-
60,000 to 89,999 pounds	3	100.0	50.8	28.6	20.6	-
90,000 pounds and over	3	100.0	49.2	26.8	24.0	-
200 to 399 miles	523	100.0	9.4	74.1	15.2	1.3
Under 1,000 pounds	90	100.0	1.1	89.8	6.0	3.1
1,000 to 9,999 pounds	189	100.0	.5	85.1	12.2	2.2
10,000 to 29,999 pounds	105	100.0	7.3	63.2	29.3	.2
30,000 to 59,999 pounds	79	100.0	11.7	62.5	25.8	-
60,000 to 89,999 pounds	55	100.0	51.6	48.3	.1	-
90,000 pounds and over	5	100.0	36.4	63.6	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 04-- Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Basic Textiles and Leather Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	1,131	100.0	11.5	74.4	13.3	0.8
Under 1,000 pounds	167	100.0	1.9	86.1	8.6	3.4
1,000 to 9,999 pounds	388	100.0	1.7	83.8	14.1	.4
10,000 to 29,999 pounds	224	100.0	19.0	64.1	16.9	-
30,000 to 59,999 pounds	238	100.0	11.4	70.7	17.9	-
60,000 to 89,999 pounds	112	100.0	43.3	55.5	1.2	-
90,000 pounds and over	2	100.0	100.0	-	-	-
600 to 999 miles	1,680	100.0	15.8	70.4	12.5	1.3
Under 1,000 pounds	307	100.0	3.9	85.9	5.8	4.4
1,000 to 9,999 pounds	592	100.0	4.4	86.5	8.2	.9
10,000 to 29,999 pounds	393	100.0	14.9	66.7	17.8	.6
30,000 to 59,999 pounds	324	100.0	37.8	39.4	22.8	-
60,000 to 89,999 pounds	44	100.0	89.5	10.5	-	-
90,000 pounds and over	20	100.0	33.0	67.0	-	-
1,000 miles and over	1,914	100.0	25.6	57.2	6.0	11.2
Under 1,000 pounds	537	100.0	9.5	75.4	2.1	13.0
1,000 to 9,999 pounds	583	100.0	11.5	75.0	6.7	6.8
10,000 to 29,999 pounds	282	100.0	37.2	46.9	15.4	.5
30,000 to 59,999 pounds	284	100.0	16.3	41.1	7.1	35.5
60,000 to 89,999 pounds	86	100.0	94.9	5.1	-	-
90,000 pounds and over	142	100.0	97.5	2.5	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 04--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Basic Textiles and Leather Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	14,495	100.0	9.1	59.8	29.8	0.1	0.3	0.8	0.1
New England	1,506	100.0	5.0	83.0	8.3	.2	-	3.2	.3
Middle Atlantic	1,568	100.0	5.6	83.5	9.5	.4	.1	.9	-
East North Central	598	100.0	23.6	41.2	33.8	.4	-	1.0	-
West North Central	175	100.0	.1	22.9	76.7	-	-	.3	-
South Atlantic	9,284	100.0	8.9	54.0	36.6	-	-	.5	-
East South Central	877	100.0	18.5	54.9	26.1	-	-	.5	-
West South Central	152	100.0	8.1	41.0	50.6	.1	.2	-	-
Mountain[1]	14	-	-	-	-	-	-	-	-
Pacific[2]	321	100.0	3.6	81.2	2.0	-	12.8	.4	-
TON-MILES	(millions of ton-miles)								
U.S. total	6,268	100.0	16.6	63.2	16.1	.3	1.9	1.8	.1
New England	740	100.0	15.3	70.5	6.7	.6	.1	6.5	.3
Middle Atlantic	911	100.0	6.9	82.7	7.7	1.3	.3	1.1	-
East North Central	263	100.0	27.4	41.4	29.0	.6	-	1.6	-
West North Central	37	100.0	.4	56.3	41.9	-	.1	1.3	-
South Atlantic	3,413	100.0	18.9	60.1	19.3	.1	.3	1.3	-
East South Central	473	100.0	23.5	59.4	16.4	-	-	.7	-
West South Central	115	100.0	7.2	41.6	50.2	.1	.9	-	-
Mountain[1]	15	-	-	-	-	-	-	-	-
Pacific[2]	301	100.0	7.9	56.1	.5	.1	35.1	.3	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 04--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Basic Textiles and Leather Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	14,495	14,495	1,214	2,538	1,501	589	5,998	1,257	493	122	783
Ton-miles.....millions..	6,268	6,268	517	1,012	773	363	1,141	486	424	180	1,371
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	14,495	100.0	8.4	17.5	10.4	4.1	41.3	8.7	3.4	0.8	5.4
Shipments from--											
New England.....	1,506	100.0	34.6	27.4	13.2	3.6	10.8	3.1	1.9	.5	4.9
Middle Atlantic.....	1,568	100.0	5.7	39.3	9.6	2.3	20.0	8.2	4.2	2.0	8.7
East North Central.....	598	100.0	7.0	11.4	33.8	15.4	19.0	5.1	3.7	1.5	3.1
West North Central.....	175	100.0	.1	2.0	9.6	54.9	1.0	22.9	7.0	.7	1.8
South Atlantic.....	9,284	100.0	5.0	13.6	8.3	2.5	55.8	8.6	2.9	.5	2.8
East South Central.....	877	100.0	9.9	18.7	12.4	4.2	23.8	22.0	4.3	.6	4.1
West South Central.....	152	100.0	2.5	7.9	7.3	15.1	5.9	10.2	30.3	4.8	16.0
Mountain[2].....	14	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	321	100.0	2.6	.8	13.4	4.5	1.5	.6	1.8	5.5	69.3
TON-MILES	(millions)										
U.S. total.....	6,268	100.0	8.3	16.2	12.3	5.8	18.1	7.8	6.8	2.9	21.8
Shipments from--											
New England.....	740	100.0	5.3	12.1	19.6	8.3	15.4	6.0	5.8	2.0	25.5
Middle Atlantic.....	911	100.0	1.9	6.0	8.8	3.8	17.3	10.7	8.5	6.9	36.1
East North Central.....	263	100.0	11.6	14.3	10.7	10.0	24.3	5.0	6.9	3.8	13.4
West North Central.....	37	100.0	.7	8.4	15.3	20.3	3.2	17.5	18.4	3.0	13.2
South Atlantic.....	3,413	100.0	9.7	20.1	10.9	5.1	21.1	7.8	6.9	2.0	16.4
East South Central.....	473	100.0	15.5	24.6	11.4	4.7	13.8	8.4	5.0	1.5	15.1
West South Central.....	115	100.0	4.9	13.1	7.6	11.7	7.1	9.9	11.5	5.6	28.6
Mountain[2].....	15	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	301	100.0	6.9	2.1	25.4	7.4	3.7	1.1	2.3	3.2	47.9

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 04--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Basic Textiles and Leather Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	14,495	100.0	9.1	59.8	29.8	0.1	0.3	0.8	0.1
New England, total	1,506	100.0	5.0	83.0	8.3	.2	-	3.2	.3
Shipments to--									
New England	521	100.0	.2	86.9	10.7	.1	-	2.1	-
Middle Atlantic	412	100.0	1.1	92.0	3.2	.1	.1	2.8	.7
East North Central	199	100.0	13.5	71.3	12.7	.4	-	2.0	.1
South Atlantic	163	100.0	1.4	78.9	18.1	.1	-	1.5	-
Middle Atlantic, total	1,568	100.0	5.6	83.5	9.5	.4	.1	.9	-
Shipments to--									
Middle Atlantic	616	100.0	1.5	83.0	14.7	.1	.1	.6	-
East North Central	151	100.0	10.9	86.8	.4	.6	-	1.3	-
South Atlantic	314	100.0	5.2	85.9	8.0	.1	-	.8	-
Pacific	136	100.0	8.2	87.1	-	3.0	.4	1.3	-
South Atlantic, total	9,284	100.0	8.9	54.0	36.6	-	-	.5	-
Shipments to--									
New England	464	100.0	7.7	76.0	16.1	-	-	.2	-
Middle Atlantic	1,259	100.0	8.2	77.7	13.4	-	-	.6	.1
East North Central	767	100.0	21.2	72.6	5.3	.1	-	.8	-
West North Central	234	100.0	39.3	48.0	11.3	.1	-	1.3	-
South Atlantic	5,182	100.0	2.3	43.3	54.1	-	-	.3	-
East South Central	799	100.0	16.1	61.7	22.0	-	-	.2	-
West South Central	273	100.0	18.3	52.4	28.4	.1	-	.8	-
Pacific	264	100.0	44.5	39.4	11.1	.2	.8	4.0	-
TON-MILES	(millions of ton-miles)								
U. S. total	6,268	100.0	16.6	63.2	16.1	.3	1.9	1.8	.1
New England, total	740	100.0	15.3	70.5	6.7	.6	.1	6.5	.3
Shipments to--									
New England	39	100.0	.1	86.0	10.1	-	-	3.8	-
Middle Atlantic	90	100.0	.7	90.8	4.0	.1	.1	3.8	.5
East North Central	145	100.0	14.9	71.2	11.2	.4	-	2.1	.2
South Atlantic	114	100.0	1.7	75.7	20.8	.1	-	1.7	-
Middle Atlantic, total	911	100.0	6.9	82.7	7.7	1.3	.3	1.1	-
Shipments to--									
Middle Atlantic	55	100.0	2.0	88.6	8.7	-	-	.7	-
East North Central	80	100.0	10.4	87.1	.4	.6	.1	1.4	-
South Atlantic	158	100.0	3.3	87.7	8.1	.1	-	.8	-
Pacific	329	100.0	8.2	86.7	-	3.0	.8	1.3	-
South Atlantic, total	3,413	100.0	18.9	60.1	19.3	.1	.3	1.3	-
Shipments to--									
New England	331	100.0	7.6	77.3	15.0	-	-	.1	-
Middle Atlantic	687	100.0	9.7	76.9	12.6	.1	-	.6	.1
East North Central	373	100.0	23.9	69.6	5.4	.1	-	1.0	-
West North Central	175	100.0	38.3	48.6	11.4	.1	-	1.6	-
South Atlantic	718	100.0	3.0	52.5	43.9	-	-	.6	-
East South Central	268	100.0	18.4	68.4	13.0	-	-	.2	-
West South Central	234	100.0	17.8	51.4	29.7	.1	-	1.0	-
Pacific	560	100.0	44.7	38.6	10.6	.2	1.6	4.3	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER GROUP 04--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Basic Textiles and Leather Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	14,495	1,219	7,947	5,329	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	6,268	534	2,911	2,823
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	9.1	6.6	6.3	13.9	16.6	12.1	11.7	22.5
Motor carrier.....	59.8	65.1	56.1	64.0	63.2	69.4	63.2	62.0
Private truck.....	29.8	26.2	36.2	21.1	16.1	15.4	19.0	13.2
Air.....	.1	.2	.1	.1	.3	.6	.5	.2
Water.....	.3	.1	.5	.1	1.9	.4	3.7	.4
Other.....	.8	1.6	.8	.7	1.8	2.0	1.9	1.6
Unknown.....	.1	.2	-	.1	.1	.1	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	22.5	36.4	25.1	15.4	2.8	4.0	3.6	1.6
100 to 199 miles.....	24.1	15.0	32.8	13.1	8.4	5.1	13.8	3.5
200 to 299 miles.....	6.4	6.4	5.5	7.7	3.7	3.5	3.6	3.7
300 to 399 miles.....	6.6	4.3	5.3	9.1	5.3	3.3	5.0	6.1
400 to 499 miles.....	7.4	7.0	5.3	10.6	7.6	7.1	6.5	8.7
500 to 999 miles.....	25.4	20.9	20.1	34.4	39.6	33.6	37.3	43.3
1,000 miles and over.....	7.6	10.0	5.9	9.7	32.6	43.4	30.2	33.1

Table 8. SHIPPER GROUP 04--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Basic Textiles and Leather Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	33.8	12.3	46.3	75.6
Highway facilities.....	82.1	94.0	73.3	67.1
Rail and highway facilities.....	20.5	11.2	24.6	44.1
Air facilities.....	69.9	84.1	61.0	45.2
Rail, highway, and air facilities.....	14.1	8.1	18.1	23.9
Water facilities.....	13.5	17.4	11.7	4.0
Rail, highway, air, and water facilities.	3.0	3.3	3.0	2.0

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 041--Percent Distribution of Distance, by Means of Transport: 1967

Broadwoven Fabrics

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	5,517	100.0	6.9	67.9	24.2	0.1	-	0.9	-
Under 50 miles	470	100.0	1.0	52.0	46.6	-	-	.4	-
50 to 99 miles	1,018	100.0	3.1	49.0	47.8	-	-	.1	-
100 to 199 miles	774	100.0	5.1	62.4	31.5	-	0.1	.9	-
200 to 299 miles	409	100.0	5.3	75.3	17.4	-	-	2.0	-
300 to 399 miles	374	100.0	5.9	76.7	16.8	-	-	.6	-
400 to 499 miles	356	100.0	3.2	78.9	17.1	.1	-	.7	-
500 to 599 miles	582	100.0	4.2	88.9	6.7	.1	-	.1	-
600 to 799 miles	837	100.0	9.6	78.6	10.9	.1	-	.8	-
800 to 999 miles	345	100.0	14.1	77.5	7.8	.1	-	.5	-
1,000 to 1,199 miles	81	100.0	25.9	64.4	7.6	.2	-	1.9	-
1,200 to 1,499 miles	42	100.0	4.1	73.6	18.4	.3	-	3.6	-
1,500 to 1,999 miles	90	100.0	22.1	64.7	11.9	-	-	1.2	0.1
2,000 miles and over	139	100.0	36.9	46.1	7.0	.5	1.2	8.3	-
TON-MILES	(millions of ton-miles)								
Total	2,413	100.0	13.0	72.1	12.6	.1	.3	1.9	-
Under 50 miles	15	100.0	.9	51.2	47.5	-	-	.4	-
50 to 99 miles	70	100.0	3.6	52.1	44.2	-	-	.1	-
100 to 199 miles	109	100.0	5.0	63.5	30.4	-	.1	1.0	-
200 to 299 miles	100	100.0	5.4	75.0	17.2	-	-	2.4	-
300 to 399 miles	131	100.0	6.1	76.2	17.1	-	-	.6	-
400 to 499 miles	160	100.0	3.2	78.4	17.6	.1	-	.7	-
500 to 599 miles	320	100.0	4.4	88.8	6.6	.1	-	.1	-
600 to 799 miles	584	100.0	9.4	78.6	11.0	.1	-	.9	-
800 to 999 miles	306	100.0	14.2	77.1	8.1	.1	-	.5	-
1,000 to 1,199 miles	86	100.0	25.0	65.1	7.7	.2	-	2.0	-
1,200 to 1,499 miles	56	100.0	4.4	73.4	18.3	.3	-	3.6	-
1,500 to 1,999 miles	156	100.0	21.7	65.8	11.2	-	-	1.2	.1
2,000 miles and over	320	100.0	36.7	45.5	6.5	.6	2.3	8.4	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 041--Percent Distribution of Weight, by Means of Transport: 1967

Broadwoven Fabrics

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	5,137	100.0	7.3	73.0	18.7	1.0
Under 1,000 pounds	757	100.0	1.8	89.5	5.6	3.1
Under 50 pounds	11	100.0	1.2	55.7	10.1	33.0
50 to 99 pounds	33	100.0	1.7	85.4	7.9	5.0
100 to 199 pounds	102	100.0	1.4	91.4	3.6	3.6
200 to 499 pounds	283	100.0	1.7	90.1	5.1	3.1
500 to 999 pounds	328	100.0	2.1	89.9	6.3	1.7
1,000 to 9,999 pounds	2,211	100.0	1.9	82.5	14.5	1.1
1,000 to 1,999 pounds	484	100.0	.8	88.8	8.9	1.5
2,000 to 2,999 pounds	374	100.0	2.0	86.4	10.1	1.5
3,000 to 3,999 pounds	293	100.0	1.4	78.6	19.1	.9
4,000 to 4,999 pounds	258	100.0	3.1	81.1	15.3	.5
5,000 to 9,999 pounds	802	100.0	2.3	78.9	17.9	.9
10,000 to 29,999 pounds	1,385	100.0	8.3	64.4	26.9	.4
10,000 to 19,999 pounds	900	100.0	8.9	63.5	27.1	.5
20,000 to 29,999 pounds	485	100.0	7.0	66.3	26.5	.2
30,000 to 59,999 pounds	670	100.0	19.2	47.4	33.4	-
30,000 to 39,999 pounds	402	100.0	10.5	52.6	36.9	-
40,000 to 49,999 pounds	206	100.0	23.7	42.1	34.2	-
50,000 to 59,999 pounds	62	100.0	60.7	31.7	7.6	-
60,000 to 89,999 pounds	81	100.0	81.6	16.1	2.3	-
60,000 to 69,999 pounds	37	100.0	84.7	11.7	3.6	-
70,000 to 79,999 pounds	32	100.0	78.6	20.3	1.1	-
80,000 to 89,999 pounds	12	100.0	80.3	18.3	1.4	-
90,000 pounds and over	33	100.0	40.9	58.5	.6	-
	(millions of ton-miles)					
TON-MILES						
Total	2,373	100.0	13.2	73.2	11.3	2.3
Under 1,000 pounds	454	100.0	5.3	82.8	5.0	6.9
Under 50 pounds	7	100.0	2.5	52.1	5.0	40.4
50 to 99 pounds	22	100.0	3.8	82.1	6.0	8.1
100 to 199 pounds	69	100.0	4.0	85.3	2.6	8.1
200 to 499 pounds	166	100.0	5.3	84.2	4.5	6.0
500 to 999 pounds	190	100.0	6.1	81.8	6.2	5.9
1,000 to 9,999 pounds	984	100.0	4.5	84.2	9.1	2.2
1,000 to 1,999 pounds	228	100.0	2.8	86.9	7.0	3.3
2,000 to 2,999 pounds	185	100.0	3.9	84.8	7.5	3.8
3,000 to 3,999 pounds	111	100.0	5.0	82.6	9.9	2.5
4,000 to 4,999 pounds	127	100.0	6.4	86.0	7.2	.4
5,000 to 9,999 pounds	333	100.0	5.2	81.7	11.8	1.3
10,000 to 29,999 pounds	577	100.0	19.9	63.5	16.3	.3
10,000 to 19,999 pounds	390	100.0	22.0	61.4	16.2	.4
20,000 to 29,999 pounds	187	100.0	15.5	67.9	16.6	-
30,000 to 59,999 pounds	291	100.0	27.0	52.2	20.8	-
30,000 to 39,999 pounds	165	100.0	16.8	58.3	24.9	-
40,000 to 49,999 pounds	96	100.0	32.6	47.5	19.9	-
50,000 to 59,999 pounds	30	100.0	64.5	33.9	1.6	-
60,000 to 89,999 pounds	49	100.0	86.2	13.2	.6	-
60,000 to 69,999 pounds	20	100.0	93.4	5.4	1.2	-
70,000 to 79,999 pounds	20	100.0	81.3	18.4	.3	-
80,000 to 89,999 pounds	9	100.0	80.4	19.5	.1	-
90,000 pounds and over	18	100.0	51.5	48.5	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 041--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Broadwoven Fabrics

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	5,137	100.0	7.3	73.0	18.7	1.0
Under 200 miles	1,928	100.0	3.9	63.7	31.9	.5
Under 1,000 pounds	199	100.0	-	89.2	8.8	2.0
1,000 to 9,999 pounds	846	100.0	.3	74.7	24.4	.6
10,000 to 29,999 pounds	591	100.0	2.5	54.7	42.4	.4
30,000 to 59,999 pounds	259	100.0	15.3	30.7	54.0	-
60,000 to 89,999 pounds	20	100.0	71.4	20.5	8.1	-
90,000 pounds and over	13	100.0	34.1	64.3	1.6	-
200 to 399 miles	768	100.0	5.7	77.4	15.6	1.3
Under 1,000 pounds	100	100.0	.6	94.9	2.8	1.7
1,000 to 9,999 pounds	311	100.0	.6	84.7	12.2	2.5
10,000 to 29,999 pounds	193	100.0	1.4	74.0	24.2	.4
30,000 to 59,999 pounds	136	100.0	11.1	65.3	23.6	-
60,000 to 89,999 pounds	21	100.0	91.1	7.8	1.1	-
90,000 pounds and over	7	100.0	67.6	32.4	-	-
400 to 599 miles	910	100.0	4.0	87.6	7.9	.5
Under 1,000 pounds	178	100.0	.3	93.6	3.8	2.3
1,000 to 9,999 pounds	439	100.0	.9	92.3	6.8	-
10,000 to 29,999 pounds	201	100.0	2.1	87.7	10.2	-
30,000 to 59,999 pounds	85	100.0	26.0	56.8	17.2	-
60,000 to 89,999 pounds	6	100.0	77.4	22.6	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-
600 to 999 miles	1,180	100.0	10.9	78.3	10.0	.8
Under 1,000 pounds	186	100.0	1.7	90.5	6.1	1.7
1,000 to 9,999 pounds	493	100.0	4.2	88.7	6.3	.8
10,000 to 29,999 pounds	326	100.0	16.1	70.1	13.2	.6
30,000 to 59,999 pounds	153	100.0	24.7	53.7	21.6	-
60,000 to 89,999 pounds	16	100.0	79.4	20.6	-	-
90,000 pounds and over	6	100.0	11.0	89.0	-	-
1,000 miles and over	351	100.0	26.7	58.3	9.8	5.2
Under 1,000 pounds	94	100.0	10.2	74.1	4.5	11.2
1,000 to 9,999 pounds	122	100.0	10.3	71.6	11.8	6.3
10,000 to 29,999 pounds	75	100.0	53.3	30.9	15.8	-
30,000 to 59,999 pounds	37	100.0	38.1	51.5	10.4	-
60,000 to 89,999 pounds	17	100.0	85.6	14.4	-	-
90,000 pounds and over	6	100.0	49.6	50.4	-	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	2,373	100.0	13.2	73.2	11.3	2.3
Under 200 miles	175	100.0	4.6	64.6	30.1	.7
Under 1,000 pounds	19	100.0	-	90.2	7.7	2.1
1,000 to 9,999 pounds	78	100.0	.4	77.8	20.9	.9
10,000 to 29,999 pounds	49	100.0	3.4	52.4	43.8	.4
30,000 to 59,999 pounds	26	100.0	17.0	32.2	50.8	-
60,000 to 89,999 pounds	2	100.0	67.5	19.8	12.7	-
90,000 pounds and over	1	100.0	36.6	62.8	.6	-
200 to 399 miles	226	100.0	6.0	77.4	15.2	1.4
Under 1,000 pounds	30	100.0	.5	94.9	2.8	1.8
1,000 to 9,999 pounds	91	100.0	.7	85.2	11.5	2.6
10,000 to 29,999 pounds	59	100.0	1.3	74.4	23.9	.4
30,000 to 59,999 pounds	38	100.0	13.4	63.4	23.2	-
60,000 to 89,999 pounds	6	100.0	93.1	6.0	.9	-
90,000 pounds and over	2	100.0	72.2	27.8	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 041--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Broadwoven Fabrics

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	466	100.0	4.1	87.8	7.7	0.4
Under 1,000 pounds	88	100.0	.3	93.7	3.9	2.1
1,000 to 9,999 pounds	225	100.0	1.0	92.4	6.6	-
10,000 to 29,999 pounds	104	100.0	2.1	88.6	9.3	-
30,000 to 59,999 pounds	46	100.0	25.6	57.0	17.4	-
60,000 to 89,999 pounds	3	100.0	79.7	20.3	-	-
90,000 pounds and over	-	-	-	-	-	-
600 to 999 miles	889	100.0	11.0	78.2	10.0	.8
Under 1,000 pounds	139	100.0	1.8	90.3	6.1	1.8
1,000 to 9,999 pounds	374	100.0	4.1	88.9	6.1	.9
10,000 to 29,999 pounds	241	100.0	15.5	70.8	13.2	.5
30,000 to 59,999 pounds	118	100.0	27.7	50.3	22.0	-
60,000 to 89,999 pounds	12	100.0	78.6	21.4	-	-
90,000 pounds and over	5	100.0	13.1	86.9	-	-
1,000 miles and over	617	100.0	28.4	55.9	8.9	6.8
Under 1,000 pounds	178	100.0	11.9	68.7	4.8	14.6
1,000 to 9,999 pounds	215	100.0	12.2	68.8	11.6	7.4
10,000 to 29,999 pounds	124	100.0	58.9	27.3	13.8	-
30,000 to 59,999 pounds	64	100.0	38.9	53.8	7.3	-
60,000 to 89,999 pounds	26	100.0	90.5	9.5	-	-
90,000 pounds and over	10	100.0	65.5	34.5	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 041--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Broadwoven Fabrics

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,517	100.0	6.9	67.9	24.2	0.1	-	0.9	-
New England	584	100.0	9.6	82.5	3.9	.2	-	3.8	-
Middle Atlantic	665	100.0	.7	96.3	2.6	.1	-	.3	-
South Atlantic	3,721	100.0	6.8	61.7	30.8	-	0.1	.6	-
East South Central	466	100.0	11.6	61.7	26.7	-	-	-	-
Balance of United States[1]	81	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,413	100.0	13.0	72.1	12.6	.1	.3	1.9	-
New England	274	100.0	30.0	61.2	3.2	.4	-	5.2	-
Middle Atlantic	285	100.0	1.8	96.1	.9	.3	.2	.7	-
South Atlantic	1,524	100.0	10.8	71.2	15.6	.1	.4	1.9	-
East South Central	279	100.0	20.6	63.2	16.2	-	-	-	-
Balance of United States[1]	51	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 041--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Broadwoven Fabrics

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	5,517	5,517	569	1,156	378	141	2,220	555	280	30	188
Ton-miles.....millions..	2,413	2,413	273	465	218	107	426	229	243	44	408
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	5,517	100.0	10.3	21.0	6.8	2.6	40.2	10.1	5.1	0.5	3.4
Shipments from--											
New England	584	100.0	36.2	30.6	12.7	.8	8.4	2.8	2.3	.6	5.6
Middle Atlantic	665	100.0	2.3	43.8	2.6	.3	28.0	15.9	4.6	.3	2.2
South Atlantic	3,721	100.0	8.5	16.2	5.8	2.8	49.4	9.4	4.7	.4	2.8
East South Central	466	100.0	6.0	17.2	14.6	3.6	31.5	14.3	5.8	.8	6.2
Balance of U.S.[2]	81	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	2,413	100.0	11.3	19.3	9.0	4.4	17.7	9.5	10.1	1.8	16.9
Shipments from--											
New England	274	100.0	5.5	13.6	20.3	2.1	13.5	5.8	7.3	2.3	29.6
Middle Atlantic	285	100.0	1.2	7.9	3.3	.7	34.6	27.7	10.7	1.5	12.4
South Atlantic	1,524	100.0	15.0	22.3	7.4	5.2	15.8	7.1	10.9	1.6	14.7
East South Central	279	100.0	9.1	21.5	13.6	4.1	17.3	5.3	6.8	1.8	20.5
Balance of U.S.[2]	51	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 041--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Broadwoven Fabrics

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,517	100.0	6.9	67.9	24.2	0.1	-	0.9	-
New England, total	584	100.0	9.6	82.5	3.9	.2	-	3.8	-
Shipments to--									
New England	211	100.0	-	93.1	3.6	.1	-	3.2	-
Middle Atlantic	179	100.0	2.1	87.5	4.9	.2	-	5.3	-
East North Central	74	100.0	31.8	61.6	5.5	-	-	1.1	-
Middle Atlantic, total	665	100.0	.7	96.3	2.6	.1	-	.3	-
Shipments to--									
Middle Atlantic	291	100.0	-	94.5	5.3	-	-	.2	-
South Atlantic	186	100.0	-	98.7	1.1	-	-	.2	-
South Atlantic, total	3,721	100.0	6.8	61.7	30.8	-	0.1	.6	-
Shipments to--									
New England	315	100.0	7.7	82.7	9.5	-	-	.1	-
Middle Atlantic	602	100.0	3.2	88.4	7.5	.1	-	.8	-
East North Central	215	100.0	12.2	84.4	1.9	.1	-	1.4	-
West North Central	105	100.0	26.1	56.7	15.4	-	-	1.8	-
South Atlantic	1,836	100.0	4.1	47.0	48.7	-	-	.2	-
East South Central	351	100.0	7.4	65.6	26.9	-	-	.1	-
West South Central	176	100.0	14.3	57.4	27.6	.1	-	.6	-
Pacific	105	100.0	24.1	55.3	11.1	.1	1.4	8.0	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,413	100.0	13.0	72.1	12.6	.1	.3	1.9	-
New England, total	274	100.0	30.0	61.2	3.2	.4	-	5.2	-
Shipments to--									
New England	15	100.0	-	86.6	6.7	-	-	6.7	-
Middle Atlantic	37	100.0	1.5	82.9	7.7	.1	-	7.8	-
East North Central	56	100.0	33.9	60.1	4.9	-	-	1.1	-
Middle Atlantic, total	285	100.0	1.8	96.1	.9	.3	.2	.7	-
Shipments to--									
Middle Atlantic	22	100.0	-	91.4	8.4	-	-	.2	-
South Atlantic	99	100.0	-	99.0	.8	-	-	.2	-
South Atlantic, total	1,524	100.0	10.8	71.2	15.6	.1	.4	1.9	-
Shipments to--									
New England	228	100.0	7.0	83.6	9.3	-	-	.1	-
Middle Atlantic	341	100.0	2.9	88.3	7.8	.1	-	.9	-
East North Central	112	100.0	11.4	84.9	1.8	.2	-	1.7	-
West North Central	80	100.0	28.0	54.7	15.0	.1	-	2.2	-
South Atlantic	241	100.0	4.0	65.1	30.7	-	-	.2	-
East South Central	107	100.0	7.1	69.8	23.0	-	-	.1	-
West South Central	166	100.0	14.9	54.6	29.8	.1	-	.6	-
Pacific	224	100.0	24.1	53.5	10.9	.1	2.9	8.5	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 041--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Broadwoven Fabrics

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	5,517	446	2,136	2,935	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,413	147	895	1,371
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	6.9	1.0	4.4	9.5	13.0	4.8	10.3	15.7
Motor carrier.....	67.9	62.6	72.9	65.1	72.1	88.7	79.0	65.7
Private truck.....	24.2	35.9	21.5	24.5	12.6	6.0	8.9	15.8
Air.....	.1	-	.1	-	.1	-	.2	.1
Water.....	-	-	-	.1	.3	-	.1	.5
Other.....	.9	.5	1.1	.8	1.9	.5	1.5	2.2
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	27.0	46.1	33.3	19.4	3.5	7.3	4.7	2.4
100 to 199 miles.....	14.0	7.7	13.1	15.7	4.5	3.0	4.4	4.7
200 to 299 miles.....	7.4	1.7	6.9	8.7	4.2	1.3	3.9	4.6
300 to 399 miles.....	6.8	2.2	5.1	8.7	5.4	2.2	4.2	6.6
400 to 499 miles.....	6.5	14.4	4.8	6.5	6.7	19.4	5.2	6.2
500 to 999 miles.....	31.9	24.9	30.4	34.2	50.1	50.0	49.3	50.7
1,000 miles and over.....	6.4	3.0	6.4	6.8	25.6	16.8	28.3	24.8

Table 8. SHIPPER CLASS 041--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Broadwoven Fabrics

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	48.9	8.6	56.2	90.4
Highway facilities	67.4	85.7	58.9	58.3
Rail and highway facilities	23.8	8.6	21.8	48.7
Air facilities	61.2	85.7	54.9	39.6
Rail, highway, and air facilities	14.5	8.6	13.5	24.7
Water facilities	6.5	-	13.1	2.8
Rail, highway, air, and water facilities	1.0	-	1.9	.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.5 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 042--Percent Distribution of Distance, by Means of Transport: 1967

Other Basic Textiles

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	7,695	100.0	11.0	53.9	34.2	0.1	0.5	0.2	0.1
Under 50 miles	741	100.0	.6	56.8	42.3	.1	-	.2	-
50 to 99 miles	732	100.0	2.7	38.2	59.0	-	-	.1	-
100 to 199 miles	2,467	100.0	1.5	47.7	50.7	-	-	-	.1
200 to 299 miles	426	100.0	9.1	57.7	33.0	-	-	.2	-
300 to 399 miles	519	100.0	22.4	68.2	8.2	.1	-	1.1	-
400 to 499 miles	604	100.0	11.3	69.2	19.1	.1	-	.2	.1
500 to 599 miles	690	100.0	27.2	59.9	12.7	-	-	.1	.1
600 to 799 miles	739	100.0	28.1	54.7	16.6	.4	-	.2	-
800 to 999 miles	221	100.0	10.3	67.5	20.9	.2	-	.4	.7
1,000 to 1,199 miles	79	100.0	11.3	58.8	28.7	.8	-	.3	.1
1,200 to 1,499 miles	48	100.0	7.2	66.6	24.7	.5	-	1.0	-
1,500 to 1,999 miles	116	100.0	23.2	62.2	13.9	-	-	.7	-
2,000 miles and over	313	100.0	33.1	41.2	10.4	1.4	13.3	.6	-
TON-MILES	(millions of ton-miles)								
Total	3,170	100.0	20.4	55.4	19.8	.5	3.4	.4	.1
Under 50 miles	122	100.0	.7	53.6	45.4	.1	.1	.1	-
50 to 99 miles	50	100.0	3.1	41.6	55.2	-	-	.1	-
100 to 199 miles	384	100.0	1.4	52.1	46.4	-	-	-	.1
200 to 299 miles	107	100.0	9.5	56.0	34.3	-	-	.2	-
300 to 399 miles	182	100.0	21.4	69.3	8.3	-	-	1.0	-
400 to 499 miles	265	100.0	11.7	68.1	19.8	.1	-	.2	.1
500 to 599 miles	367	100.0	27.4	59.6	12.8	-	-	.1	.1
600 to 799 miles	513	100.0	28.3	54.8	16.3	.4	-	.2	-
800 to 999 miles	196	100.0	10.4	67.8	20.5	.2	-	.4	.7
1,000 to 1,199 miles	86	100.0	11.6	57.7	29.5	.8	-	.3	.1
1,200 to 1,499 miles	64	100.0	7.3	66.7	24.5	.5	-	1.0	-
1,500 to 1,999 miles	209	100.0	23.8	61.8	13.8	-	-	.6	-
2,000 miles and over	725	100.0	31.7	41.9	9.3	1.5	15.0	.6	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 042--Percent Distribution of Weight, by Means of Transport: 1967

Other Basic Textiles

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	7,197	100.0	9.4	55.6	34.0	1.0
Under 1,000 pounds	702	100.0	2.2	85.2	10.2	2.4
Under 50 pounds	20	100.0	5.3	53.3	7.3	34.1
50 to 99 pounds	34	100.0	6.6	79.3	9.0	5.1
100 to 199 pounds	87	100.0	2.6	85.0	9.3	3.1
200 to 499 pounds	246	100.0	2.0	85.9	10.9	1.2
500 to 999 pounds	315	100.0	1.7	87.2	10.2	.9
1,000 to 9,999 pounds	1,573	100.0	2.8	68.7	27.3	1.2
1,000 to 1,999 pounds	386	100.0	2.7	79.4	17.3	.6
2,000 to 2,999 pounds	269	100.0	1.7	78.0	19.0	1.3
3,000 to 3,999 pounds	223	100.0	1.0	59.1	38.4	1.5
4,000 to 4,999 pounds	169	100.0	4.5	63.0	29.4	3.1
5,000 to 9,999 pounds	526	100.0	3.6	62.2	33.6	.6
10,000 to 29,999 pounds	2,612	100.0	6.7	58.4	34.8	.1
10,000 to 19,999 pounds	801	100.0	8.4	44.6	46.8	.2
20,000 to 29,999 pounds	1,811	100.0	6.0	64.6	29.4	-
30,000 to 59,999 pounds	1,761	100.0	9.3	30.2	58.3	2.2
30,000 to 39,999 pounds	1,393	100.0	4.8	24.6	70.6	-
40,000 to 49,999 pounds	275	100.0	6.7	66.0	13.0	14.3
50,000 to 59,999 pounds	93	100.0	85.1	8.1	6.8	-
60,000 to 89,999 pounds	451	100.0	48.2	50.8	1.0	-
60,000 to 69,999 pounds	148	100.0	92.9	6.3	.8	-
70,000 to 79,999 pounds	153	100.0	42.4	56.1	1.5	-
80,000 to 89,999 pounds	150	100.0	9.9	89.6	.5	-
90,000 pounds and over	98	100.0	64.4	25.5	10.1	-
TON-MILES	(millions of ton-miles)					
Total	2,874	100.0	19.4	58.3	17.5	4.8
Under 1,000 pounds	388	100.0	4.8	83.9	6.5	4.8
Under 50 pounds	12	100.0	5.8	51.5	4.0	38.7
50 to 99 pounds	20	100.0	11.0	77.9	4.1	7.0
100 to 199 pounds	49	100.0	4.5	83.5	5.8	6.2
200 to 499 pounds	141	100.0	4.4	85.8	7.1	2.7
500 to 999 pounds	166	100.0	4.3	85.6	6.7	3.4
1,000 to 9,999 pounds	711	100.0	6.6	76.2	14.9	2.3
1,000 to 1,999 pounds	179	100.0	6.7	79.9	11.8	1.6
2,000 to 2,999 pounds	126	100.0	5.1	77.1	11.8	6.0
3,000 to 3,999 pounds	74	100.0	3.9	66.3	28.4	1.4
4,000 to 4,999 pounds	76	100.0	10.7	71.7	15.4	2.2
5,000 to 9,999 pounds	256	100.0	6.7	77.7	14.5	1.1
10,000 to 29,999 pounds	678	100.0	13.7	59.4	26.7	.2
10,000 to 19,999 pounds	206	100.0	14.4	53.9	31.1	.6
20,000 to 29,999 pounds	472	100.0	13.4	61.9	24.7	-
30,000 to 59,999 pounds	709	100.0	16.3	42.7	26.8	14.2
30,000 to 39,999 pounds	427	100.0	11.7	46.1	42.2	-
40,000 to 49,999 pounds	228	100.0	6.9	44.6	4.3	44.2
50,000 to 59,999 pounds	54	100.0	93.1	6.5	.4	-
60,000 to 89,999 pounds	243	100.0	62.3	37.6	.1	-
60,000 to 69,999 pounds	93	100.0	92.5	7.4	.1	-
70,000 to 79,999 pounds	68	100.0	51.6	48.1	.3	-
80,000 to 89,999 pounds	82	100.0	36.7	63.2	.1	-
90,000 pounds and over	145	100.0	91.2	8.3	.5	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are included.

TABLE 3. SHIPPER CLASS 042--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Other Basic Textiles

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	7,197	100.0	9.4	55.6	34.0	1.0
Under 200 miles	3,843	100.0	1.4	47.8	50.6	.2
Under 1,000 pounds	232	100.0	.4	85.9	12.2	1.5
1,000 to 9,999 pounds	642	100.0	.8	56.3	42.4	.5
10,000 to 29,999 pounds	1,987	100.0	2.0	60.5	37.5	-
30,000 to 59,999 pounds	962	100.0	.6	7.4	92.0	-
60,000 to 89,999 pounds	9	100.0	10.7	41.1	48.2	-
90,000 pounds and over	11	100.0	-	6.2	93.8	-
200 to 399 miles	822	100.0	12.3	69.2	17.7	.8
Under 1,000 pounds	138	100.0	1.0	91.1	6.8	1.1
1,000 to 9,999 pounds	274	100.0	-	83.4	14.7	1.9
10,000 to 29,999 pounds	150	100.0	15.6	45.4	39.0	-
30,000 to 59,999 pounds	106	100.0	4.4	60.7	34.9	-
60,000 to 89,999 pounds	143	100.0	49.4	50.6	-	-
90,000 pounds and over	11	100.0	10.6	89.4	-	-
400 to 599 miles	1,204	100.0	16.6	67.5	15.6	.3
Under 1,000 pounds	110	100.0	2.2	77.4	18.3	2.1
1,000 to 9,999 pounds	290	100.0	3.0	69.6	27.0	.4
10,000 to 29,999 pounds	217	100.0	34.8	45.5	19.6	.1
30,000 to 59,999 pounds	348	100.0	7.4	79.1	13.5	-
60,000 pounds and over	239	100.0	36.8	63.2	-	-
600 to 999 miles	845	100.0	22.9	60.0	16.2	.9
Under 1,000 pounds	126	100.0	3.1	84.8	9.5	2.6
1,000 to 9,999 pounds	238	100.0	4.5	81.0	13.3	1.2
10,000 to 29,999 pounds	188	100.0	13.8	61.5	24.0	.7
30,000 to 59,999 pounds	245	100.0	49.6	30.7	19.7	-
60,000 to 89,999 pounds	33	100.0	96.2	3.8	-	-
90,000 pounds and over	15	100.0	-	100.0	-	-
1,000 miles and over	483	100.0	27.3	55.3	7.0	10.4
Under 1,000 pounds	96	100.0	7.3	84.4	1.9	6.4
1,000 to 9,999 pounds	129	100.0	14.9	75.1	6.4	3.6
10,000 to 29,999 pounds	70	100.0	16.0	61.4	22.6	-
30,000 to 59,999 pounds	99	100.0	6.7	45.8	8.0	39.5
60,000 to 89,999 pounds	27	100.0	96.4	3.6	-	-
90,000 pounds and over	62	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,874	100.0	19.4	58.3	17.5	4.8
Under 200 miles	448	100.0	1.4	50.9	47.5	.2
Under 1,000 pounds	23	100.0	.5	91.2	7.1	1.2
1,000 to 9,999 pounds	59	100.0	1.1	64.1	34.0	.8
10,000 to 29,999 pounds	252	100.0	1.9	64.3	33.8	-
30,000 to 59,999 pounds	112	100.0	.5	5.9	93.6	-
60,000 to 89,999 pounds	1	100.0	16.4	46.8	36.8	-
90,000 pounds and over	1	100.0	-	15.5	84.5	-
200 to 399 miles	255	100.0	12.7	69.7	16.8	.8
Under 1,000 pounds	41	100.0	1.0	90.3	7.5	1.2
1,000 to 9,999 pounds	83	100.0	-	84.0	14.0	2.0
10,000 to 29,999 pounds	44	100.0	15.4	46.6	38.0	-
30,000 to 59,999 pounds	34	100.0	4.3	62.9	32.8	-
60,000 to 89,999 pounds	50	100.0	46.7	53.3	-	-
90,000 pounds and over	3	100.0	12.7	87.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 042--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Other Basic Textiles

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	586	100.0	17.6	66.3	15.8	0.3
Under 1,000 pounds	55	100.0	2.2	77.8	17.9	2.1
1,000 to 9,999 pounds	142	100.0	2.9	70.6	26.2	.3
10,000 to 29,999 pounds	109	100.0	36.7	43.9	19.3	.1
30,000 to 59,999 pounds	173	100.0	7.2	78.8	14.0	-
60,000 pounds and over	107	100.0	42.2	57.8	-	-
600 to 999 miles	624	100.0	22.5	60.9	15.7	.9
Under 1,000 pounds	95	100.0	3.3	85.3	8.8	2.6
1,000 to 9,999 pounds	179	100.0	4.4	81.8	12.8	1.0
10,000 to 29,999 pounds	140	100.0	14.0	62.2	23.0	.8
30,000 to 59,999 pounds	175	100.0	48.8	31.7	19.5	-
60,000 to 89,999 pounds	25	100.0	96.3	3.7	-	-
90,000 pounds and over	10	100.0	-	100.0	-	-
1,000 miles and over	961	100.0	28.6	52.3	6.0	13.1
Under 1,000 pounds	175	100.0	7.8	82.7	1.4	8.1
1,000 to 9,999 pounds	247	100.0	13.8	76.0	5.6	4.6
10,000 to 29,999 pounds	133	100.0	16.2	64.6	19.2	-
30,000 to 59,999 pounds	214	100.0	7.3	38.3	7.3	47.1
60,000 to 89,999 pounds	60	100.0	96.8	3.2	-	-
90,000 pounds and over	132	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 042--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Other Basic Textiles

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	7,695	100.0	11.0	53.9	34.2	0.1	0.5	0.2	0.1
New England	530	100.0	1.6	80.5	16.3	.3	.1	.4	.8
Middle Atlantic	704	100.0	10.9	69.2	18.4	.8	.1	.6	-
East North Central	415	100.0	28.7	42.4	28.1	.6	-	.2	-
South Atlantic	5,476	100.0	10.4	48.6	40.8	-	-	.2	-
East South Central	204	100.0	28.4	65.1	6.3	-	-	.2	-
Pacific[1]	285	100.0	3.9	81.0	.9	-	14.2	-	-
Balance of United States[2]	81	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	3,170	100.0	20.4	55.4	19.8	.5	3.4	.4	.1
New England	228	100.0	5.9	73.8	17.2	.7	.3	1.3	.8
Middle Atlantic	480	100.0	10.3	72.7	14.1	2.1	.2	.6	-
East North Central	185	100.0	33.1	34.1	31.8	.8	-	.2	-
South Atlantic	1,839	100.0	26.0	51.1	22.5	.1	.1	.2	-
East South Central	95	100.0	19.5	77.6	2.2	-	.1	.6	-
Pacific[1]	275	100.0	8.6	53.5	-	-	37.9	-	-
Balance of United States[2]	68	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 042--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Other Basic Textiles

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	7,695	7,695	370	1,186	931	211	3,691	578	166	72	490
Ton-miles.....millions..	3,170	3,170	162	482	466	160	668	221	132	107	772
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	7,695	100.0	4.8	15.4	12.1	2.7	48.0	7.5	2.2	0.9	6.4
Shipments from--											
New England.....	530	100.0	28.2	30.0	16.1	1.3	17.6	3.4	1.2	.2	2.0
Middle Atlantic.....	704	100.0	6.6	38.4	14.7	3.0	14.0	2.6	3.6	3.3	13.8
East North Central.....	415	100.0	6.8	12.3	35.8	9.1	24.7	4.2	4.3	.5	2.3
South Atlantic.....	5,476	100.0	2.2	11.8	9.8	2.2	60.8	8.1	1.7	.5	2.9
East South Central.....	204	100.0	5.8	25.4	1.9	1.9	25.4	37.1	1.8	.4	.3
Pacific[2].....	285	100.0	2.8	.8	14.0	3.9	1.6	.5	.5	6.0	69.9
Balance of U.S.[3].....	81	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	3,170	100.0	5.1	15.2	14.7	5.0	21.1	7.0	4.2	3.4	24.3
Shipments from--											
New England.....	228	100.0	3.7	14.3	25.8	3.6	28.0	7.3	4.1	1.0	12.2
Middle Atlantic.....	480	100.0	1.8	5.3	11.2	4.2	9.1	3.0	6.7	10.0	48.7
East North Central.....	185	100.0	10.3	14.2	12.1	9.7	30.5	3.7	7.9	1.3	10.3
South Atlantic.....	1,839	100.0	4.8	18.6	13.7	4.8	25.8	8.7	3.4	2.3	17.9
East South Central.....	95	100.0	12.1	42.5	2.2	3.1	14.0	21.9	1.9	.9	1.4
Pacific[2].....	275	100.0	7.4	1.8	25.4	6.0	4.0	1.0	.7	3.3	50.4
Balance of U.S.[3].....	68	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 042--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Other Basic Textiles

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	7,695	100.0	11.0	53.9	34.2	0.1	0.5	0.2	0.1
New England, total	530	100.0	1.6	80.5	16.3	.3	.1	.4	.8
Shipments to--									
New England	149	100.0	-	78.1	21.6	.1	-	.2	-
Middle Atlantic	159	100.0	.3	94.9	2.5	.1	.2	.2	1.8
Middle Atlantic, total	704	100.0	10.9	69.2	18.4	.8	.1	.6	-
Shipments to--									
Middle Atlantic	270	100.0	3.1	68.8	27.4	.1	.1	.5	-
East North Central	104	100.0	14.5	84.1	.6	.3	-	.5	-
South Atlantic	99	100.0	15.9	60.1	23.4	.2	-	.4	-
Pacific	97	100.0	9.0	86.5	-	3.8	.2	.5	-
South Atlantic, total	5,476	100.0	10.4	48.6	40.8	-	-	.2	-
Shipments to--									
New England	122	100.0	9.6	61.3	28.9	.1	-	.1	-
Middle Atlantic	644	100.0	13.0	68.3	18.3	-	-	.2	.2
East North Central	537	100.0	24.8	68.2	6.8	-	-	.2	-
West North Central	121	100.0	53.4	40.8	5.5	.1	-	.2	-
South Atlantic	3,332	100.0	1.2	41.3	57.3	-	-	.2	-
East South Central	446	100.0	23.0	58.5	18.3	-	-	.1	.1
West South Central	92	100.0	26.9	41.5	31.3	.1	-	.2	-
Pacific	157	100.0	59.1	28.9	11.3	.2	.3	.2	-
TON-MILES	(millions of ton-miles)								
U.S. total	3,170	100.0	20.4	55.4	19.8	.5	3.4	.4	.1
New England, total	228	100.0	5.9	73.8	17.2	.7	.3	1.3	.8
Shipments to--									
New England	8	100.0	-	83.8	15.9	.1	-	.2	-
Middle Atlantic	33	100.0	.3	95.9	2.1	-	.1	.2	1.4
Middle Atlantic, total	480	100.0	10.3	72.7	14.1	2.1	.2	.6	-
Shipments to--									
Middle Atlantic	25	100.0	3.4	85.3	10.9	.1	-	.3	-
East North Central	54	100.0	14.0	84.6	.5	.3	-	.6	-
South Atlantic	44	100.0	10.9	61.0	27.4	.3	-	.4	-
Pacific	234	100.0	9.1	86.1	-	3.9	.4	.5	-
South Atlantic, total	1,839	100.0	26.0	51.1	22.5	.1	.1	.2	-
Shipments to--									
New England	89	100.0	10.1	62.7	27.0	.1	-	.1	-
Middle Atlantic	342	100.0	16.6	65.7	17.3	-	-	.2	.2
East North Central	252	100.0	29.5	63.2	7.1	-	-	.2	-
West North Central	89	100.0	50.3	43.2	6.3	-	-	.2	-
South Atlantic	473	100.0	2.5	46.1	51.0	-	-	.4	-
East South Central	159	100.0	26.1	67.4	6.3	-	-	.1	.1
West South Central	63	100.0	26.5	41.0	32.0	.1	-	.4	-
Pacific	329	100.0	59.6	28.6	10.6	.2	.7	.3	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 042--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Other Basic Textiles

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	7,695	577	4,981	2,137	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	3,170	252	1,651	1,267
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.	11.0	12.2	6.4	21.3	20.4	21.0	10.8	32.9
Motor carrier.....	53.9	62.5	49.9	60.9	55.4	50.0	57.2	54.1
Private truck.....	34.2	23.8	42.6	17.4	19.8	26.6	24.7	12.1
Air.....	.1	.3	.1	.1	.5	1.1	.6	.2
Water.....	.5	-	.8	.1	3.4	.3	6.3	.3
Other.....	.2	.7	.2	.1	.4	.8	.4	.3
Unknown.....	.1	.5	-	.1	.1	.2	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	19.1	34.7	21.5	9.5	2.3	3.4	3.1	.9
100 to 199 miles.....	32.2	20.9	43.3	8.7	12.1	7.2	20.5	2.2
200 to 299 miles.....	5.5	9.4	4.6	6.7	3.4	5.2	3.4	2.9
300 to 399 miles.....	6.7	5.2	5.4	10.3	5.8	4.0	5.6	6.3
400 to 499 miles.....	7.9	1.8	4.7	16.9	8.3	1.8	6.3	12.3
500 to 999 miles.....	21.4	17.5	15.4	36.5	33.9	30.2	31.1	38.5
1,000 miles and over.....	7.2	10.5	5.1	11.4	34.2	48.2	30.0	36.9

Table 8. SHIPPER CLASS 042--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Other Basic Textiles

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	44.8	25.8	55.3	77.2
Highway facilities	80.0	91.4	73.5	62.0
Rail and highway facilities	28.5	22.3	31.1	45.7
Air facilities	68.5	81.0	61.3	50.0
Rail, highway, and air facilities	21.4	15.5	25.3	26.1
Water facilities	11.8	17.3	8.4	5.4
Rail, highway, air, and water facilities.	5.6	10.3	2.3	3.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 6.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 043--Percent Distribution of Distance, by Means of Transport: 1967

Footwear, Except Rubber

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	409	100.0	3.9	61.2	27.0	0.4	-	7.5	-
Under 50 miles	27	100.0	-	95.9	1.6	-	-	2.4	0.1
50 to 99 miles	70	100.0	1.2	21.2	76.7	-	-	.9	-
100 to 199 miles	99	100.0	-	41.3	54.9	-	-	3.8	-
200 to 299 miles	20	100.0	3.3	85.4	5.0	-	-	6.3	-
300 to 399 miles	19	100.0	.7	90.7	.4	.1	-	8.1	-
400 to 499 miles	15	100.0	.1	87.9	.2	-	-	11.8	-
500 to 599 miles	13	100.0	9.0	79.1	1.3	.1	-	10.5	-
600 to 799 miles	29	100.0	4.8	79.8	-	.3	-	15.1	-
800 to 999 miles	31	100.0	4.1	86.2	-	1.0	-	8.7	-
1,000 to 1,199 miles	35	100.0	7.2	86.3	.7	.9	-	4.9	-
1,200 to 1,499 miles	8	100.0	2.9	75.8	-	2.0	-	19.3	-
1,500 to 1,999 miles	13	100.0	22.8	63.2	-	.6	-	13.4	-
2,000 miles and over	30	100.0	15.9	56.1	-	1.9	-	26.1	-
TON-MILES	(millions of ton-miles)								
Total	240	100.0	9.8	69.8	4.7	1.1	-	14.6	-
Under 50 miles	1	100.0	-	96.5	1.3	-	-	2.2	-
50 to 99 miles	5	100.0	1.0	21.1	76.9	-	-	1.0	-
100 to 199 miles	14	100.0	-	46.3	49.7	-	-	4.0	-
200 to 299 miles	5	100.0	3.1	86.3	4.3	-	-	6.3	-
300 to 399 miles	7	100.0	.6	90.8	.4	.1	-	8.1	-
400 to 499 miles	7	100.0	.1	87.9	.2	-	-	11.8	-
500 to 599 miles	7	100.0	9.6	78.3	1.3	.1	-	10.7	-
600 to 799 miles	20	100.0	4.6	79.8	-	.4	-	15.2	-
800 to 999 miles	27	100.0	4.3	86.1	-	.9	-	8.7	-
1,000 to 1,199 miles	39	100.0	7.5	86.2	.6	.9	-	4.8	-
1,200 to 1,499 miles	10	100.0	3.0	75.2	-	2.0	-	19.8	-
1,500 to 1,999 miles	23	100.0	23.2	62.6	-	.5	-	13.7	-
2,000 miles and over	75	100.0	15.8	56.1	-	2.0	0.1	26.0	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 043--Percent Distribution of Weight, by Means of Transport: 1967

Footwear, Except Rubber

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	370	100.0	4.3	66.9	20.3	8.5
Under 1,000 pounds	158	100.0	5.0	78.1	1.5	15.4
Under 50 pounds	23	100.0	3.9	26.3	.1	69.7
50 to 99 pounds	21	100.0	4.3	75.8	.3	19.6
100 to 199 pounds	28	100.0	3.6	87.3	1.4	7.7
200 to 499 pounds	43	100.0	8.2	87.7	1.7	2.4
500 to 999 pounds	43	100.0	3.9	90.1	2.8	3.2
1,000 to 9,999 pounds	131	100.0	1.5	86.1	7.1	5.3
1,000 to 1,999 pounds	58	100.0	2.1	88.2	.9	8.8
2,000 to 2,999 pounds	24	100.0	2.6	85.8	4.2	7.4
3,000 to 3,999 pounds	14	100.0	-	78.0	21.3	.7
4,000 to 4,999 pounds	21	100.0	.5	86.1	13.4	-
5,000 to 9,999 pounds	14	100.0	-	85.6	14.4	-
10,000 to 29,999 pounds	77	100.0	5.4	12.4	82.2	-
10,000 to 19,999 pounds	72	100.0	4.1	7.3	88.6	-
20,000 to 29,999 pounds	5	100.0	21.9	78.1	-	-
30,000 to 59,999 pounds	4	100.0	47.0	53.0	-	-
30,000 to 39,999 pounds	3	100.0	65.9	34.1	-	-
40,000 pounds and over	1	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total	234	100.0	10.0	70.7	3.6	15.7
Under 1,000 pounds	126	100.0	8.2	72.0	.2	19.6
Under 50 pounds	20	100.0	4.3	31.5	-	64.2
50 to 99 pounds	20	100.0	7.0	71.1	-	21.9
100 to 199 pounds	22	100.0	7.3	78.4	.2	14.1
200 to 499 pounds	35	100.0	12.3	84.3	.4	3.0
500 to 999 pounds	29	100.0	7.3	81.4	.4	10.9
1,000 to 9,999 pounds	84	100.0	3.3	80.8	1.5	14.4
1,000 to 1,999 pounds	42	100.0	3.0	78.9	.7	17.4
2,000 to 2,999 pounds	16	100.0	8.4	61.7	.8	29.1
3,000 to 3,999 pounds	6	100.0	-	92.8	5.7	1.5
4,000 to 4,999 pounds	16	100.0	1.0	97.1	1.9	-
5,000 to 9,999 pounds	4	100.0	-	95.5	4.5	-
10,000 to 29,999 pounds	20	100.0	41.2	24.1	34.7	-
10,000 to 19,999 pounds	15	100.0	48.8	5.6	45.6	-
20,000 to 29,999 pounds	5	100.0	16.7	83.3	-	-
30,000 to 59,999 pounds	4	100.0	53.5	46.5	-	-
30,000 to 39,999 pounds	3	100.0	65.9	34.1	-	-
40,000 pounds and over	1	100.0	-	100.0	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 043--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Footwear, Except Rubber

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	370	100.0	4.3	66.9	20.3	8.5
Under 200 miles	160	100.0	.5	50.5	46.0	3.0
Under 1,000 pounds	36	100.0	1.1	86.7	5.1	7.1
1,000 to 9,999 pounds	56	100.0	.7	80.3	15.0	4.0
10,000 pounds and over	68	100.0	-	6.6	93.4	-
200 to 399 miles	39	100.0	2.0	88.0	2.8	7.2
Under 1,000 pounds	21	100.0	.2	84.9	1.7	13.2
1,000 to 9,999 pounds	15	100.0	.6	94.0	5.0	.4
10,000 pounds and over	3	100.0	20.0	80.0	-	-
400 to 599 miles	28	100.0	4.2	84.0	.7	11.1
Under 1,000 pounds	17	100.0	6.7	74.2	1.1	18.0
1,000 pounds and over	11	100.0	-	100.0	-	-
600 to 999 miles	59	100.0	4.5	83.1	-	12.4
Under 1,000 pounds	40	100.0	5.7	76.4	-	17.9
1,000 to 29,999 pounds	18	100.0	2.2	97.1	-	.7
30,000 pounds and over	1	100.0	-	100.0	-	-
1,000 miles and over	84	100.0	12.5	71.3	.3	15.9
Under 1,000 pounds	44	100.0	9.3	70.5	.1	20.1
1,000 to 9,999 pounds	31	100.0	3.5	81.3	.7	14.5
10,000 to 29,999 pounds	6	100.0	59.4	40.6	-	-
30,000 pounds and over	3	100.0	65.9	34.1	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	234	100.0	10.0	70.7	3.6	15.7
Under 200 miles	17	100.0	.3	48.7	47.5	3.5
Under 1,000 pounds	3	100.0	.7	88.6	2.9	7.8
1,000 to 9,999 pounds	6	100.0	.4	79.2	14.7	5.7
10,000 pounds and over	8	100.0	-	7.8	92.2	-
200 to 399 miles	11	100.0	1.7	88.9	2.1	7.3
Under 1,000 pounds	6	100.0	.2	84.9	1.4	13.5
1,000 to 9,999 pounds	4	100.0	.7	95.3	3.6	.4
10,000 pounds and over	1	100.0	13.9	86.1	-	-
400 to 599 miles	14	100.0	4.9	83.2	.7	11.2
Under 1,000 pounds	9	100.0	7.7	73.7	1.1	17.5
1,000 pounds and over	5	100.0	-	100.0	-	-
600 to 999 miles	47	100.0	4.5	83.5	-	12.0
Under 1,000 pounds	31	100.0	5.9	76.7	-	17.5
1,000 to 29,999 pounds	15	100.0	1.8	97.4	-	.8
30,000 pounds and over	1	100.0	-	100.0	-	-
1,000 miles and over	145	100.0	14.1	66.3	.2	19.4
Under 1,000 pounds	77	100.0	10.1	68.2	-	21.7
1,000 to 9,999 pounds	54	100.0	4.5	73.6	.4	21.5
10,000 to 29,999 pounds	11	100.0	71.0	29.0	-	-
30,000 pounds and over	3	100.0	65.9	34.1	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 043--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Footwear, Except Rubber

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	409	100.0	3.9	61.2	27.0	0.4	-	7.5	-
New England	201	100.0	3.8	85.4	1.2	.4	-	9.2	-
Middle Atlantic	34	100.0	.1	91.9	3.2	-	-	4.8	-
East North Central	94	100.0	5.3	17.2	74.0	-	-	3.5	-
West North Central	23	100.0	.6	51.2	47.7	-	0.1	.4	-
East South Central	38	100.0	8.2	19.1	63.2	.2	-	9.3	-
Balance of United States[1]	19	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	240	100.0	9.8	69.8	4.7	1.1	-	14.6	-
New England	161	100.0	8.6	74.0	.2	.9	-	16.3	-
Middle Atlantic	16	100.0	.1	93.4	.6	.1	-	5.8	-
East North Central	28	100.0	20.5	41.2	28.1	.1	-	10.1	-
West North Central	9	100.0	1.3	86.4	11.4	-	.5	.4	-
East South Central	12	100.0	31.0	35.8	12.0	.4	-	20.8	-
Balance of United States[1]	14	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 043--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Footwear, Except Rubber

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	409	409	69	56	75	96	26	24	14	10	39
Ton-miles.....millions..	240	240	9	20	31	42	16	7	15	13	87
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	409	100.0	16.9	13.8	18.3	23.4	6.4	5.9	3.4	2.5	9.4
Shipments from--											
New England.....	201	100.0	30.0	17.2	14.3	12.9	6.6	2.5	2.6	1.0	12.9
Middle Atlantic.....	34	100.0	19.4	36.7	10.4	8.4	11.8	2.6	4.3	.8	5.6
East North Central.....	94	100.0	.3	3.9	29.7	51.1	3.3	.9	1.3	6.1	3.4
West North Central.....	23	100.0	1.0	6.5	9.0	57.5	6.3	1.7	8.5	1.2	8.3
East South Central.....	38	100.0	2.2	5.9	27.9	5.8	5.5	44.2	1.9	1.1	5.5
Balance of U.S.[2].....	19	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	240	100.0	3.6	8.4	12.9	17.4	6.8	3.0	6.1	5.3	36.5
Shipments from--											
New England.....	161	100.0	3.3	6.4	14.0	18.3	5.6	3.2	5.2	2.4	41.6
Middle Atlantic.....	16	100.0	8.6	11.5	9.9	13.7	11.0	3.7	10.8	2.9	27.9
East North Central.....	28	100.0	.9	9.1	9.9	22.8	7.9	1.0	3.9	24.3	20.2
West North Central.....	9	100.0	2.8	14.6	7.8	14.7	10.9	1.5	11.6	2.8	33.3
East South Central.....	12	100.0	6.4	16.2	13.1	7.5	9.5	8.3	3.3	4.3	31.4
Balance of U.S.[2].....	14	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 043--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Footwear, Except Rubber

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	409	100.0	3.9	61.2	27.0	0.4	-	7.5	-
New England, total	201	100.0	3.8	85.4	1.2	.4	-	9.2	-
Shipments to--									
New England	60	100.0	1.4	90.4	3.1	-	-	5.1	-
Middle Atlantic	35	100.0	-	94.8	1.0	-	-	4.2	-
East North Central	29	100.0	2.7	89.4	-	.7	-	7.2	-
West North Central	26	100.0	2.9	91.5	.9	.2	-	4.5	-
South Atlantic	13	100.0	1.2	84.2	-	.1	-	14.5	-
Pacific	26	100.0	17.7	55.1	-	1.5	-	25.7	-
TON-MILES	(millions of ton-miles)								
U.S. total	240	100.0	9.8	69.8	4.7	1.1	-	14.6	-
New England, total	161	100.0	8.6	74.0	.2	.9	-	16.3	-
Shipments to--									
New England	5	100.0	.9	89.9	1.7	-	-	7.5	-
Middle Atlantic	10	100.0	-	95.1	.6	-	-	4.3	-
East North Central	22	100.0	2.4	89.7	-	.7	-	7.2	-
West North Central	29	100.0	2.6	91.6	.8	.1	-	4.9	-
South Atlantic	9	100.0	1.2	81.7	-	.1	-	17.0	-
Pacific	67	100.0	17.4	55.4	-	1.5	-	25.7	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 043--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Footwear, Except Rubber

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	409	28	224	157	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	240	15	115	110
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	3.9	3.9	6.5	.1	9.8	9.3	18.9	.4
Motor carrier.....	61.2	91.9	45.9	77.8	69.8	88.0	49.2	89.0
Private truck.....	27.0	1.0	38.5	15.2	4.7	.2	8.2	1.5
Air.....	.4	.2	.4	.3	1.1	.3	1.6	.6
Water.....	-	-	-	-	-	-	-	-
Other.....	7.5	3.0	8.7	6.6	14.6	2.2	22.1	8.5
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	23.9	19.9	24.3	24.0	2.3	1.8	2.9	1.8
100 to 199 miles.....	24.0	30.6	29.6	15.3	5.8	9.9	7.6	3.3
200 to 299 miles.....	5.0	7.5	5.1	4.3	2.1	3.6	2.4	1.6
300 to 399 miles.....	4.7	3.2	6.4	2.6	2.8	2.1	4.4	1.2
400 to 499 miles.....	3.8	2.4	2.7	5.6	2.9	2.1	2.4	3.6
500 to 999 miles.....	17.7	20.0	16.3	19.1	22.7	28.2	23.7	20.8
1,000 miles and over.....	20.9	16.4	15.6	29.1	61.4	52.3	56.6	67.7

Table 8. SHIPPER CLASS 043--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Footwear, Except Rubber

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	14.9	5.9	18.9	24.0
Highway facilities	86.5	94.1	79.2	100.0
Rail and highway facilities	9.9	5.9	10.0	24.0
Air facilities	68.0	82.4	60.4	59.2
Rail, highway, and air facilities	5.6	5.9	4.1	12.7
Water facilities	7.4	11.8	5.7	1.5
Rail, highway, air, and water facilities.	-	-	-	-

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 6 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 044--Percent Distribution of Distance, by Means of Transport: 1967

Leather and Leather Products, Except Clothing

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	874	100.0	9.2	59.6	27.8	0.1	0.2	3.0	0.1
Under 50 miles	95	100.0	-	52.7	45.8	.1	-	1.4	-
50 to 99 miles	108	100.0	11.7	56.5	30.5	-	-	1.2	.1
100 to 199 miles	152	100.0	.4	44.5	53.0	-	.1	2.0	-
200 to 299 miles	69	100.0	1.1	90.0	6.0	-	-	2.9	-
300 to 399 miles	44	100.0	21.2	67.4	8.3	-	-	3.1	-
400 to 499 miles	90	100.0	16.3	42.8	39.1	.1	-	1.7	-
500 to 599 miles	43	100.0	2.0	64.9	26.5	.1	-	6.5	-
600 to 799 miles	108	100.0	21.9	53.7	22.0	.1	.1	2.1	.1
800 to 999 miles	51	100.0	16.0	65.7	13.9	.1	-	4.3	-
1,000 to 1,199 miles	36	100.0	3.4	83.1	-	.4	-	12.7	.4
1,200 to 1,499 miles	17	100.0	11.1	81.5	-	.1	-	6.5	.8
1,500 to 1,999 miles	24	100.0	17.5	79.8	.1	.4	-	1.5	.7
2,000 miles and over	37	100.0	7.7	79.9	1.4	.5	3.7	6.7	.1
TON-MILES	(millions of ton-miles)								
Total	445	100.0	12.4	67.4	14.3	.2	1.0	4.5	.2
Under 50 miles	3	100.0	-	49.7	48.8	.1	-	1.4	-
50 to 99 miles	8	100.0	13.0	56.5	29.1	-	-	1.3	.1
100 to 199 miles	22	100.0	.4	49.6	47.6	-	.1	2.3	-
200 to 299 miles	17	100.0	1.2	90.1	5.6	-	-	3.1	-
300 to 399 miles	15	100.0	20.0	68.1	8.8	-	-	3.1	-
400 to 499 miles	41	100.0	16.6	42.2	39.4	.1	-	1.7	-
500 to 599 miles	24	100.0	2.1	65.6	25.5	.1	-	6.7	-
600 to 799 miles	76	100.0	23.2	51.9	22.6	.1	.1	2.0	.1
800 to 999 miles	45	100.0	15.9	65.6	14.0	.1	-	4.4	-
1,000 to 1,199 miles	39	100.0	3.5	83.2	-	.4	-	12.5	.4
1,200 to 1,499 miles	23	100.0	10.6	82.3	-	.1	-	6.2	.8
1,500 to 1,999 miles	42	100.0	18.3	79.0	.1	.4	-	1.5	.7
2,000 miles and over	90	100.0	7.8	79.2	1.2	.5	4.7	6.5	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 044--Percent Distribution of Weight, by Means of Transport: 1967

Leather and Leather Products, Except Clothing

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	861	100.0	9.4	59.3	28.2	3.1
Under 1,000 pounds	285	100.0	5.3	79.4	7.4	7.9
Under 50 pounds	26	100.0	3.0	46.9	2.6	47.5
50 to 99 pounds	30	100.0	5.1	76.5	6.7	11.7
100 to 199 pounds	55	100.0	3.7	86.7	4.7	4.9
200 to 499 pounds	90	100.0	5.7	84.8	7.7	1.8
500 to 999 pounds	84	100.0	6.9	79.8	10.7	2.6
1,000 to 9,999 pounds	244	100.0	2.8	78.5	17.3	1.4
1,000 to 1,999 pounds	81	100.0	4.1	81.1	13.8	1.0
2,000 to 2,999 pounds	56	100.0	2.5	80.6	15.5	1.4
3,000 to 3,999 pounds	26	100.0	2.9	74.0	22.6	.5
4,000 to 4,999 pounds	17	100.0	.2	72.7	26.8	.3
5,000 to 9,999 pounds	64	100.0	2.3	76.8	18.5	2.4
10,000 to 29,999 pounds	95	100.0	4.3	41.7	53.3	.7
10,000 to 19,999 pounds	62	100.0	5.0	40.8	53.1	1.1
20,000 to 29,999 pounds	33	100.0	2.9	43.5	53.6	-
30,000 to 59,999 pounds	200	100.0	10.9	26.4	62.7	-
30,000 to 39,999 pounds	157	100.0	3.6	20.4	76.0	-
40,000 to 49,999 pounds	29	100.0	16.5	63.4	20.1	-
50,000 to 59,999 pounds	14	100.0	84.1	15.9	-	-
60,000 to 89,999 pounds	13	100.0	67.6	9.2	23.2	-
60,000 to 79,999 pounds	3	100.0	100.0	-	-	-
80,000 to 89,999 pounds	10	100.0	61.8	6.7	31.5	-
90,000 pounds and over	24	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total	439	100.0	12.5	67.8	14.5	5.2
Under 1,000 pounds	186	100.0	7.8	79.7	2.3	10.2
Under 50 pounds	18	100.0	4.1	49.6	.3	46.0
50 to 99 pounds	22	100.0	7.0	74.6	1.1	17.3
100 to 199 pounds	39	100.0	6.2	87.5	1.0	5.3
200 to 499 pounds	60	100.0	9.1	85.7	2.0	3.2
500 to 999 pounds	47	100.0	9.2	79.6	5.3	5.9
1,000 to 9,999 pounds	125	100.0	6.0	85.3	6.4	2.3
1,000 to 1,999 pounds	47	100.0	7.6	86.2	4.6	1.6
2,000 to 2,999 pounds	40	100.0	2.9	93.9	1.6	1.6
3,000 to 3,999 pounds	9	100.0	3.9	85.8	8.5	1.8
4,000 to 4,999 pounds	7	100.0	.9	74.8	22.2	2.1
5,000 to 9,999 pounds	22	100.0	10.7	71.5	12.8	5.0
10,000 to 29,999 pounds	40	100.0	10.2	47.6	38.8	3.4
10,000 to 19,999 pounds	21	100.0	14.3	48.2	31.2	6.3
20,000 to 29,999 pounds	19	100.0	5.6	47.0	47.4	-
30,000 to 59,999 pounds	70	100.0	19.6	31.8	48.6	-
30,000 to 39,999 pounds	50	100.0	6.4	31.8	61.8	-
40,000 to 49,999 pounds	12	100.0	23.4	50.4	26.2	-
50,000 to 59,999 pounds	8	100.0	98.6	1.4	-	-
60,000 to 89,999 pounds	9	100.0	72.6	11.7	15.7	-
60,000 to 79,999 pounds	2	100.0	100.0	-	-	-
80,000 to 89,999 pounds	7	100.0	70.6	8.4	21.0	-
90,000 pounds and over	9	100.0	100.0	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 044--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Leather and Leather Products, Except Clothing

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	861	100.0	9.4	59.3	28.2	3.1
Under 200 miles	349	100.0	3.8	49.7	44.9	1.6
Under 1,000 pounds	90	100.0	.9	78.3	14.1	6.7
1,000 to 9,999 pounds	106	100.0	-	71.8	28.1	.1
10,000 to 29,999 pounds	44	100.0	-	37.3	62.7	-
30,000 to 59,999 pounds	97	100.0	-	10.8	89.2	-
60,000 pounds and over	12	100.0	100.0	-	-	-
200 to 399 miles	111	100.0	9.1	80.8	7.0	3.1
Under 1,000 pounds	48	100.0	2.5	79.7	10.6	7.2
1,000 to 9,999 pounds	36	100.0	2.6	90.7	6.7	-
10,000 to 29,999 pounds	5	100.0	-	100.0	-	-
30,000 pounds and over	22	100.0	36.5	62.5	1.0	-
400 to 599 miles	133	100.0	11.7	49.8	35.1	3.4
Under 1,000 pounds	32	100.0	6.3	78.9	7.3	7.5
1,000 to 9,999 pounds	32	100.0	2.5	73.5	17.6	6.4
10,000 to 29,999 pounds	21	100.0	2.0	27.3	70.7	-
30,000 to 59,999 pounds	39	100.0	16.1	29.9	54.0	-
60,000 to 89,999 pounds	5	100.0	42.5	-	57.5	-
90,000 pounds and over	4	100.0	100.0	-	-	-
600 to 999 miles	158	100.0	20.1	57.7	19.5	2.7
Under 1,000 pounds	54	100.0	12.3	78.4	2.2	7.1
1,000 to 9,999 pounds	32	100.0	9.2	76.8	12.7	1.3
10,000 to 29,999 pounds	16	100.0	13.0	33.9	52.3	.8
30,000 to 59,999 pounds	40	100.0	14.3	42.5	43.2	-
60,000 to 89,999 pounds	8	100.0	84.6	15.4	-	-
90,000 pounds and over	8	100.0	100.0	-	-	-
1,000 miles and over	110	100.0	9.3	82.9	.5	7.3
Under 1,000 pounds	61	100.0	7.3	81.6	-	11.1
1,000 to 9,999 pounds	37	100.0	6.0	91.4	.5	2.1
10,000 to 29,999 pounds	10	100.0	16.1	75.1	3.4	5.4
30,000 pounds and over	2	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	439	100.0	12.5	67.8	14.5	5.2
Under 200 miles	32	100.0	3.5	50.6	43.8	2.1
Under 1,000 pounds	8	100.0	1.4	80.1	10.5	8.0
1,000 to 9,999 pounds	9	100.0	-	82.7	17.1	.2
10,000 to 29,999 pounds	3	100.0	-	39.0	61.0	-
30,000 to 59,999 pounds	11	100.0	-	12.1	87.9	-
60,000 pounds and over	1	100.0	100.0	-	-	-
200 to 399 miles	31	100.0	10.3	79.2	7.3	3.2
Under 1,000 pounds	14	100.0	2.7	79.4	10.7	7.2
1,000 to 9,999 pounds	10	100.0	2.8	90.1	7.1	-
10,000 to 29,999 pounds	1	100.0	-	100.0	-	-
30,000 pounds and over	6	100.0	45.2	53.9	.9	-
400 to 599 miles	65	100.0	11.3	50.6	34.5	3.6
Under 1,000 pounds	16	100.0	6.3	79.4	6.8	7.5
1,000 to 9,999 pounds	16	100.0	2.4	73.9	16.4	7.3
10,000 to 29,999 pounds	10	100.0	1.9	29.5	68.6	-
30,000 to 59,999 pounds	19	100.0	15.1	29.7	55.2	-
60,000 to 89,999 pounds	2	100.0	44.3	-	55.7	-
90,000 pounds and over	2	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 044--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Leather and Leather Products, Except Clothing

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
600 to 999 miles	121	100.0	20.6	57.1	19.5	2.8
Under 1,000 pounds	41	100.0	11.4	79.2	2.2	7.2
1,000 to 9,999 pounds	24	100.0	10.2	76.4	11.8	1.6
10,000 to 29,999 pounds	13	100.0	15.0	35.2	49.1	.7
30,000 to 59,999 pounds	31	100.0	15.1	40.1	44.8	-
60,000 to 89,999 pounds	6	100.0	83.6	16.4	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-
1,000 miles and over	190	100.0	9.7	81.5	.6	8.2
Under 1,000 pounds	106	100.0	7.8	80.0	-	12.2
1,000 to 9,999 pounds	66	100.0	6.5	91.0	.6	1.9
10,000 to 29,999 pounds	14	100.0	15.6	69.6	5.4	9.4
30,000 pounds and over	4	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 044--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Leather and Leather Products, Except Clothing

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	874	100.0	9.2	59.6	27.8	0.1	0.2	3.0	0.1
New England	191	100.0	1.6	87.8	7.3	.2	.1	3.0	-
Middle Atlantic	166	100.0	3.9	91.6	.3	.2	.2	3.6	.2
East North Central	84	100.0	20.3	57.9	19.7	.1	-	2.0	-
West North Central	138	100.0	-	10.6	89.1	-	-	.3	-
South Atlantic	79	100.0	4.2	57.3	23.3	-	-	15.2	-
East South Central	169	100.0	27.7	32.1	40.0	-	-	.2	-
Balance of United States[1]	47	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	445	100.0	12.4	67.4	14.3	.2	1.0	4.5	.2
New England	78	100.0	5.3	85.7	2.0	.5	-	6.5	-
Middle Atlantic	129	100.0	6.4	88.9	.1	.3	.8	3.3	.2
East North Central	46	100.0	11.3	65.4	21.1	.3	-	1.9	-
West North Central	21	100.0	.1	29.4	68.6	-	-	1.9	-
South Atlantic	44	100.0	4.6	57.3	17.7	-	-	20.4	-
East South Central	88	100.0	36.1	30.8	32.8	-	-	.3	-
Balance of United States[1]	39	-	-	-	-	-	-	-	-

[1]Not destributed.

TABLE 5. SHIPPER CLASS 044--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Leather and Leather Products, Except Clothing

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	874	874	206	139	118	140	61	100	33	10	67
Ton-miles.....millions..	445	445	74	45	59	55	30	29	34	16	103
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	874	100.0	23.6	15.9	13.5	16.1	7.0	11.4	3.8	1.1	7.6
Shipments from--											
New England.....	191	100.0	52.5	20.7	5.6	8.9	3.8	3.5	2.0	.6	2.4
Middle Atlantic.....	166	100.0	12.4	25.4	15.8	5.8	15.6	2.6	5.6	3.4	13.4
East North Central.....	84	100.0	15.1	15.0	30.7	7.2	8.7	13.7	2.9	.9	5.8
West North Central.....	138	100.0	-	1.4	7.6	59.1	.1	28.6	2.0	.4	.8
South Atlantic.....	79	100.0	33.5	14.4	17.6	9.7	14.5	2.7	4.2	.2	3.2
East South Central.....	169	100.0	27.3	17.4	15.6	8.2	4.8	20.0	3.4	.5	2.8
Balance of U.S.[2].....	47	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	445	100.0	16.7	10.1	13.2	12.4	6.7	6.5	7.6	3.6	23.2
Shipments from--											
New England.....	78	100.0	12.8	12.7	10.7	23.8	5.6	9.0	7.1	3.0	15.3
Middle Atlantic.....	129	100.0	3.1	3.9	11.8	7.5	10.5	2.8	9.8	8.0	42.6
East North Central.....	46	100.0	24.0	17.9	6.4	4.6	10.0	11.8	4.3	1.9	19.1
West North Central.....	21	100.0	-	8.2	18.6	27.5	.8	29.5	4.7	2.5	8.2
South Atlantic.....	44	100.0	30.1	5.7	18.6	12.4	7.2	2.2	9.9	.6	13.3
East South Central.....	88	100.0	40.5	16.1	14.0	7.7	3.3	4.1	2.8	1.1	10.4
Balance of U.S.[2].....	39	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 044--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Leather and Leather Products, Except Clothing

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	874	100.0	9.2	59.6	27.8	0.1	0.2	3.0	0.1
New England, total	191	100.0	1.6	87.8	7.3	.2	.1	3.0	-
Shipments to--									
New England	100	100.0	-	85.1	13.8	.1	-	1.0	-
Middle Atlantic	39	100.0	-	99.3	-	-	.3	.4	-
East North Central	11	100.0	1.1	90.6	.4	.3	-	7.6	-
Middle Atlantic, total	166	100.0	3.9	91.6	.3	.2	.2	3.6	.2
Shipments to--									
New England	21	100.0	.8	96.5	-	.1	-	2.6	-
Middle Atlantic	42	100.0	2.3	93.1	.8	-	-	3.6	.2
East North Central	26	100.0	5.2	89.7	.3	.5	.2	3.9	.2
West North Central	10	100.0	2 3	93.9	-	.6	-	3.0	.2
South Atlantic	26	100.0	2.4	92.2	-	.1	-	5.3	-
Pacific	22	100.0	9.8	86.1	-	.4	.9	2.7	.1
TON-MILES	(millions of ton-miles)								
U.S. total	445	100.0	12.4	67.4	14.3	.2	1.0	4.5	.2
New England, total	78	100.0	5.3	85.7	2.0	.5	-	6.5	-
Shipments to--					-				
New England	10	100.0	-	84.4	15.0	-	-	.6	-
Middle Atlantic	10	100.0	-	99.3	-	-	.2	.5	-
East North Central	8	100.0	1.1	90.5	.4	.3	-	7.7	-
Middle Atlantic, total	129	100.0	6.4	88.9	.1	.3	.8	3.3	.2
Shipments to--									
New England	4	100.0	.9	96.7	-	.1	-	2.3	-
Middle Atlantic	5	100.0	4.6	90.7	.1	-	-	4.3	.3
East North Central	15	100.0	5.4	89.1	.3	.5	.3	4.2	.2
West North Central	10	100.0	2.3	94.0	-	.6	-	3.0	.1
South Atlantic	14	100.0	3.0	91.3	-	.1	.1	5.5	-
Pacific	55	100.0	9.7	85.3	-	.4	1.8	2.7	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 044--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Leather and Leather Products, Except Clothing

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	874	168	606	100	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	445	120	249	76
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	9.2	2.5	11.9	4.4	12.4	2.9	18.9	6.1
Motor carrier.....	59.6	77.3	51.2	80.6	67.4	84.0	53.5	86.8
Private truck.....	27.8	12.6	34.6	12.0	14.3	5.2	22.4	1.9
Air.....	.1	-	.1	.5	.2	.1	.2	.6
Water.....	.2	.3	.1	.5	1.0	1.4	.4	2.1
Other.....	3.0	7.3	2.1	1.5	4.5	6.4	4.5	1.7
Unknown.....	.1	-	-	.5	.2	-	.1	.8
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	23.2	21.1	25.7	11.9	2.4	1.6	3.3	.9
100 to 199 miles.....	17.4	11.1	18.0	24.2	4.9	2.5	6.2	4.5
200 to 299 miles.....	7.9	7.9	7.8	8.0	3.7	2.8	4.6	2.6
300 to 399 miles.....	5.0	6.7	4.8	3.6	3.4	3.3	4.0	1.6
400 to 499 miles.....	10.3	5.9	12.9	2.1	9.3	3.7	14.4	1.3
500 to 999 miles.....	23.2	21.7	23.9	21.4	32.7	21.0	41.7	21.2
1,000 miles and over.....	13.0	25.6	6.9	28.8	43.6	65.1	25.8	67.9

Table 8. SHIPPER CLASS 044--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Leather and Leather Products, Except Clothing

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	14.1	4.9	37.4	43.2
Highway facilities	97.4	100.0	90.1	100.0
Rail and highway facilities	11.8	4.9	28.8	43.2
Air facilities	81.9	86.5	71.3	49.2
Rail, highway, and air facilities	8.4	2.5	22.6	43.2
Water facilities	27.1	27.2	27.0	25.4
Rail, highway, air, and water facilities	3.4	-	11.2	25.4

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5 percent reported they did not have any of the above transportation facilities available.

Shipper Group 5

Apparel and Related Products

051 Men's, youths', and boys' clothing
052 Women's, misses', girls', and infants' clothing
053 Knitted clothing
054 Millinery, fur goods, and miscellaneous fabricated textile products

SAMPLE SIZE

The sample for this shipper group consisted of 469 establishments, of which 383 were in scope and provided data from 48,478 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (86 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 05 and their related SIC industries are as follows:

Shipper Class 051.--Men's, youths', and boys' clothing
- SIC 2311.--Men's, youths', and boys' suits, coats, and overcoats
- SIC 2321.--Men's, youths', and boys' shirts (except work shirts), collars, and nightwear
- SIC 2322.--Men's, youths', and boys' underwear
- SIC 2323.--Men's, youths', and boys' neckwear
- SIC 2327.--Men's, youths', and boys' separate trousers
- SIC 2328.--Men's, youths', and boys' work clothing
- SIC 2329.--Men's, youths', and boys' clothing, n.e.c.

Shipper Class 052.--Women's, misses', girls', and infants' clothing
- SIC 2331.--Women's, misses', and juniors' blouses, waists, and shirts
- SIC 2335.--Women's, misses', and juniors' dresses
- SIC 2337.--Women's, misses', and juniors' suits, skirts, and coats
- SIC 2339.--Women's, misses', and juniors' outerwear, n.e.c.
- SIC 2341.--Women's, misses', children's, and infants' underwear and nightwear
- SIC 2342.--Corsets and allied garments
- SIC 2361.--Girls', children's, and infants' dresses, blouses, waists, and shirts
- SIC 2363.--Girls', children's, and infants' coats and suits
- SIC 2369.--Girls', children's, and infants' outerwear, n.e.c.

Shipper Class 053.--Knitted Clothing
- SIC 2251.--Women's full length and knee lenght hosiery, seamless and full-fashioned
- SIC 2252.--Hosiery, except women's full length and knee length hosiery
- SIC 2253.--Knit outerwear mills
- SIC 2254.--Knit underwear mills
- SIC 2259.--Knitting mills, n.e.c.

Shipper Class 054.--Millinery, fur goods, and miscellaneous fabricated textile products
- SIC 2351.--Millinery
- SIC 2352.--Men's and boys' hats and caps
- SIC 2371.--Fur goods
- SIC 2381.--Dress and work gloves, except knit and all leather
- SIC 2384.--Robes and dressing gowns
- SIC 2385.--Raincoats and other waterproof outer garments
- SIC 2386.--Leather and sheep lined clothing
- SIC 2387.--Apparel belts
- SIC 2389.--Apparel and accessories, n.e.c.
- SIC 2391.--Curtains and draperies
- SIC 2392.--Housefurnishings, except curtains and draperies
- SIC 2393.--Textile bags
- SIC 2394.--Canvas and related products
- SIC 2395.--Pleating, decorative and novelty stitching, and tucking for the trade
- SIC 2396.--Automotive trimmings, apparel findings, and related products
- SIC 2397.--Schiffli machine embroideries
- SIC 2399.--Fabricated textile products, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
051–Men's, youths', and boys' clothing	2311 (part)	2311,2321,2322,2323, 2327,2328,2329
052–Women's, misses', girls', and infants' clothing	2331 (part)	2331,2335,2337,2339, 2341,2342,2361,2363, 2369
053–Knitted clothing	2311 (part),2331 (part), 2381 (part),2392 (part)	2251,2252,2253,2254, 2259
054–Millinery, fur goods, and miscellaneous fabricated textile products	2351,2352,2371, 2381 (part),2384,2385, 2386,2387,2389,2391, 2392 (part),2393,2394, 2395,2396,2399	2351,2352,2371,2381, 2384,2385,2386,2387, 2389,2391,2392,2393, 2394,2395,2396,2397, 2399

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 90 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 05	4,514	100.0	89.8	10.2
Class 051	862	100.0	90.1	9.9
Class 052	757	100.0	84.0	16.0
Class 053	1,046	100.0	98.7	1.3
Class 054	1,849	100.0	87.0	13.0

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Apparel and Related Products Shipper Group shipped (beyond the local area) about 4,514,000 tons of commodities during 1967. Those shipments generated about 2.4 billion ton-miles by all means of transport combined, averaging about 527 straight-line miles per ton shipped.

As shown in table A, the Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products Shipper Class dominated this group, shipping about 40 percent of the total tons. Shipper class 053 (Knitted Clothing) shipped about 23 percent, shipper class 051 (Men's, Youths', and Boys' Clothing) shipped about 19 percent, and shipper class 052 (Women's, Misses', Girls', and Infants' Clothing) shipped about 17 percent.

Motor carriers were the dominant means of transport for the shipper group and for each of the shipper classes. The share was 64 percent for the shipper group and ranges from 60 percent to 71 percent for the shipper classes.

When measured in terms of ton-miles, rather than tons, motor carriers were still dominant; the rail share increased, and the private truck share declined. Of the 2.4 billion ton-miles for the shipper group, motor carriers accounted for 1.6 billion, rails accounted for 357 million, private trucks accounted for 186 million, and all other means of transport accounted for 263 million.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 6 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the Apparel and Related Products Shipper Group and each of the shipper classes for both years. An increase for the shipper group is indicated in the table, from 3.7 million tons in 1963 to 4.5 million tons in 1967. Increases are also shown for all but one of the shipper classes.

As shown in table C, the relative distribution of tons by rail and motor carrier for the shipper group in the two years is fairly stable, the private truck share increased about 6 percent in 1967, and the share for "all other" transport decreased about 10 percent in 1967. Motor carriers were the dominant means of transport in both years and their share for each of the shipper classes remained stable; however, shifts in the share for the other types of transport appear throughout the shipper classes.

For the shipper group as a whole, the length of haul for motor carriers is about the same for the two years, as shown in table D. Longer hauls for rail and shorter hauls for private truck are indicated for 1967. It should be noted that the average length of haul is based solely on *intercity* (i.e. beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 05: Apparel and related products.	4,514	514	2,894	781	325
Shipper Classes:					
051. Men's, youths', and boys', clothing.....	862	24	610	138	90
052. Women's, misses', girls', and infants' clothing.....	757	68	462	107	120
053. Knitted clothing.....	1,046	102	709	176	59
054. Millinery, fur goods, and miscellaneous fabricated textile products.....	1,849	321	1,112	360	56
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 05: Apparel and related products.	2,377	357	1,571	186	263
Shipper Classes:					
051. Men's, youths', and boys', clothing.....	496	13	362	62	59
052. Women's, misses', girls', and infants' clothing.....	478	55	297	24	102
053. Knitted clothing.....	437	35	329	19	54
054. Millinery, fur goods, and miscellaneous fabricated textile products.....	966	254	583	81	48

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 05: Apparel and related products.....	4,514	3,689	3,906
Shipper Classes:			
051. Men's, youths', and boys' clothing.....	862	831	865
052. Women's, misses', girls', and infants' clothing.....	757	1,024	1,153
053. Knitted clothing.....	1,046	532	529
054. Millinery, fur goods, and miscellaneous fabricated textile products.....	1,849	1,311	1,359

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 05: Apparel and related products:					
1967	100.0	11.4	64.1	17.3	7.2
1963	100.0	9.3	62.0	11.2	17.5
Shipper Classes					
051. Men's, youths', and boys' clothing:					
1967	100.0	2.8	70.9	16.0	10.3
1963	100.0	1.7	67.9	15.8	14.6
052. Women's, misses', girls', and infants' clothing:					
1967	100.0	9.0	61.0	14.1	15.9
1963	100.0	4.1	54.0	12.0	29.9
053. Knitted clothing:					
1967	100.0	9.7	67.8	16.9	5.6
1963	100.0	.9	67.0	4.7	27.4
054. Millinery, fur goods, and miscellaneous fabricated textile products:					
1967	100.0	17.3	60.2	19.5	3.0
1963	100.0	21.9	63.1	10.1	4.9
TON-MILES					
Shipper Group: 05: Apparel and related products:					
1967	100.0	15.0	66.1	7.8	11.1
1963	100.0	10.0	62.1	6.7	21.2
Shipper Classes					
051. Men's, youths', and boys' clothing:					
1967	100.0	2.7	73.0	12.5	11.8
1963	100.0	2.9	67.7	8.1	21.3
052. Women's, misses', girls', and infants' clothing:					
1967	100.0	11.4	62.3	4.9	21.4
1963	100.0	8.7	49.3	5.5	36.5
053. Knitted clothing:					
1967	100.0	8.0	75.4	4.4	12.2
1963	100.0	1.7	69.0	2.9	26.4
054. Millinery, fur goods, and miscellaneous fabricated textile products:					
1967	100.0	26.3	60.2	8.4	5.1
1963	100.0	20.7	65.4	8.7	5.2

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 05: Apparel and related products:				
1967	527	695	543	238
1963	559	601	560	334
SHIPPER CLASSES				
051. Men's, youths', and boys' clothing:				
1967	575	542	593	449
1963	599	1,000	598	307
052. Women's, misses', girls', and infants' clothing:				
1967	631	809	643	224
1963	527	1,128	482	239
053. Knitted clothing:				
1967	418	343	464	108
1963	677	1,200	698	400
054. Millinery, fur goods, and miscellaneous fabricated textile products:				
1967	522	791	524	225
1963	514	487	533	445

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data included shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 05: Apparel and Related Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	11.7	67.2	13.5	7.6
1963	100.0	11.3	63.1	10.1	15.5
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	10.0	60.1	26.0	3.9
1963	100.0	8.5	64.8	11.4	15.3
200 miles and over:					
1967	100.0	12.5	70.4	7.8	9.3
1963	100.0	12.4	62.4	9.6	15.6
WEIGHT					
Under 1,000 pounds:					
1967	100.0	3.8	78.1	4.3	13.8
1963	100.0	2.8	69.6	4.2	23.4
1,000 pounds and over:					
1967	100.0	17.7	59.0	20.3	3.0
1963	100.0	22.6	54.4	18.0	5.0

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 05: Apparel and Related Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	11.4	64.1	17.3	7.2
1963	100.0	9.3	62.0	11.2	17.5
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	1.2	63.0	17.4	18.4
20 to 99 employees:					
1967	100.0	1.0	65.6	24.0	9.4
1963	100.0	4.0	68.0	11.5	16.5
100 to 499 employees:					
1967	100.0	12.2	64.3	18.1	5.4
1963	100.0	6.2	66.1	13.7	14.0
500 employees and over:					
1967	100.0	19.1	61.9	7.9	11.1
1963	100.0	24.6	45.5	3.7	26.2

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 05: Apparel and Related Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	11.4	64.1	17.3	7.2
1963	100.0	9.3	62.0	11.2	17.5
Middle Atlantic:					
1967	100.0	8.8	63.7	20.1	7.4
1963	100.0	2.7	59.1	3.6	34.6
East North Central:					
1967	100.0	47.3	37.5	6.9	8.3
1963	100.0	34.1	43.6	13.2	9.1
South Atlantic:					
1967	100.0	6.5	76.5	10.1	6.9
1963	100.0	8.8	71.1	14.6	5.5
East South Central:					
1967	100.0	4.4	54.4	38.2	3.0
1963	100.0	2.7	76.3	12.0	9.0

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 05: APPAREL AND RELATED PRODUCTS		
Total shipments	4,514	12.8
Shipments by--		
Rail	514	23.0
Motor carrier	2,894	13.4
Private truck	781	30.6
All other	325	-
Shipments from--		
New England Division	210	25.4
Middle Atlantic Division	1,487	30.2
East North Central Division	421	20.2
West North Central Division	82	35.4
South Atlantic Division	1,021	15.6
East South Central Division	790	38.8
West South Central Division	301	55.8
Pacific Division	202	67.2
SHIPPER CLASS 051: MEN'S, YOUTHS', AND BOYS' CLOTHING		
Total shipments	862	13.2
Shipments by--		
Rail	24	53.6
Motor carrier	610	15.0
Private truck	138	34.2
All other	90	-
Shipments from--		
Middle Atlantic Division	149	28.4
West North Central Division	52	47.4
South Atlantic Division	198	33.8
East South Central Division	256	36.6
West South Central Division	89	53.4
Balance of United States	118	-
SHIPPER CLASS 052: WOMEN'S, MISSES', GIRLS', AND INFANTS' CLOTHING		
Total shipments	757	16.2
Shipments by--		
Rail	68	85.2
Motor carrier	462	20.0
Private truck	107	36.2
All other	120	-
SHIPPER CLASS 052: WOMEN'S MISSES', GIRLS', AND INFANTS' CLOTHING--Con.		
Shipments from--		
New England Division	34	22.4
Middle Atlantic Division	260	20.0
East North Central Division	29	34.0
South Atlantic Division	320	39.8
East South Central Division	73	47.6
West South Central Division	22	50.6
Balance of United States	19	-
SHIPPER CLASS 053: KNITTED CLOTHING		
Total shipments	1,046	39.0
Shipments by--		
Rail	102	65.0
Motor carrier	709	39.6
Private truck	176	46.2
All other	59	-
Shipments from--		
Middle Atlantic Division	603	67.6
South Atlantic Division	273	21.8
East South Central Division	61	25.6
Balance of United States	109	-
SHIPPER CLASS 054: MILLINERY, FUR GOODS, AND MISCELLANEOUS FABRICATED TEXTILE PRODUCTS		
Total shipments	1,849	21.2
Shipments by--		
Rail	321	26.6
Motor carrier	1,112	23.4
Private truck	360	52.6
All other	56	-
Shipments from--		
New England Division	70	54.4
Middle Atlantic Division	475	41.0
East North Central Division	301	20.8
South Atlantic Division	230	32.2
East South Central Division	400	55.0
Balance of United States	373	-

TABLE 1. SHIPPER GROUP 05--Percent Distribution of Distance, by Means of Transport: 1967

Apparel and Related Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	4,514	100.0	11.4	64.1	17.3	0.8	-	6.2	0.2
Under 50 miles	554	100.0	16.8	42.3	38.4	-	-	2.0	.5
50 to 99 miles	420	100.0	3.5	49.2	44.0	-	-	3.3	-
100 to 199 miles	596	100.0	2.7	68.5	24.4	.1	-	4.3	-
200 to 299 miles	412	100.0	4.4	78.0	12.0	.3	-	5.2	.1
300 to 399 miles	310	100.0	6.4	74.3	11.6	.4	-	7.2	.1
400 to 499 miles	378	100.0	17.2	70.8	4.7	.6	-	6.6	.1
500 to 599 miles	333	100.0	16.4	63.6	13.0	1.7	-	5.1	.2
600 to 799 miles	618	100.0	15.6	69.0	7.8	.9	-	6.2	.5
800 to 999 miles	260	100.0	4.7	80.8	4.7	.8	-	8.9	.1
1,000 to 1,199 miles	228	100.0	23.1	57.6	1.5	.6	-	17.2	-
1,200 to 1,499 miles	67	100.0	2.9	72.7	9.0	1.0	-	14.3	.1
1,500 to 1,999 miles	138	100.0	14.5	57.1	13.3	3.4	-	11.7	-
2,000 miles and over	200	100.0	25.1	58.8	1.9	4.9	0.9	8.4	-
TON-MILES	(millions of ton-miles)								
Total	2,377	100.0	15.0	66.1	7.8	1.9	.3	8.8	.1
Under 50 miles	15	100.0	14.7	39.7	42.9	-	-	1.9	.8
50 to 99 miles	31	100.0	3.7	54.9	37.9	-	-	3.5	-
100 to 199 miles	83	100.0	2.6	70.2	22.3	.1	-	4.8	-
200 to 299 miles	99	100.0	4.5	78.0	11.9	.3	-	5.3	-
300 to 399 miles	107	100.0	6.4	74.5	11.5	.4	-	7.1	.1
400 to 499 miles	173	100.0	17.6	70.4	4.6	.6	-	6.6	.2
500 to 599 miles	183	100.0	16.5	63.1	13.4	1.7	-	5.1	.2
600 to 799 miles	430	100.0	15.8	69.3	7.3	.9	-	6.2	.5
800 to 999 miles	231	100.0	4.8	80.6	4.8	.8	-	8.9	.1
1,000 to 1,199 miles	242	100.0	23.2	57.7	1.6	.6	-	16.9	-
1,200 to 1,499 miles	90	100.0	2.9	73.2	8.7	1.0	-	14.1	.1
1,500 to 1,999 miles	238	100.0	14.8	56.6	12.5	3.6	-	12.5	-
2,000 miles and over	455	100.0	23.5	59.6	1.8	5.2	1.4	8.5	-

[1]Distance of shipments to foreign destinations are calculated only to U.S. port of exit.

TABLE 2. SHIPPER GROUP 05--Percent Distribution of Weight, by Means of Transport: 1967

Apparel and Related Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	3,954	100.0	11.7	67.2	13.5	7.6
Under 1,000 pounds	1,688	100.0	3.8	78.1	4.3	13.8
Under 50 pounds	267	100.0	2.7	47.4	1.5	48.4
50 to 99 pounds	208	100.0	5.5	71.9	4.2	18.4
100 to 199 pounds	341	100.0	3.3	84.0	4.2	8.5
200 to 499 pounds	485	100.0	2.7	89.0	3.8	4.5
500 to 999 pounds	387	100.0	5.2	83.6	7.1	4.1
1,000 to 9,999 pounds	1,090	100.0	3.1	71.8	19.4	5.7
1,000 to 1,999 pounds	364	100.0	3.4	76.7	14.4	5.5
2,000 to 2,999 pounds	217	100.0	5.9	60.2	28.6	5.3
3,000 to 3,999 pounds	129	100.0	5.8	63.0	16.6	14.6
4,000 to 4,999 pounds	74	100.0	.2	64.9	31.9	3.0
5,000 to 9,999 pounds	306	100.0	.2	79.6	17.0	3.2
10,000 to 29,999 pounds	597	100.0	21.8	50.3	27.2	.7
10,000 to 19,999 pounds	413	100.0	17.6	52.1	29.3	1.0
20,000 to 29,999 pounds	184	100.0	31.4	46.3	22.3	-
30,000 to 59,999 pounds	359	100.0	25.4	50.6	23.8	.2
30,000 to 39,999 pounds	220	100.0	22.3	65.1	12.2	.4
40,000 to 49,999 pounds	112	100.0	21.4	26.1	52.5	-
50,000 to 59,999 pounds	27	100.0	67.4	32.6	-	-
60,000 to 89,999 pounds	191	100.0	64.9	35.1	-	-
60,000 to 69,999 pounds	53	100.0	95.0	5.0	-	-
70,000 to 79,999 pounds	27	100.0	88.6	11.4	-	-
80,000 to 89,999 pounds	111	100.0	45.0	55.0	-	-
90,000 pounds and over	29	100.0	75.3	21.6	3.1	-
TON-MILES	(millions of ton-miles)					
Total	2,161	100.0	14.4	67.1	7.0	11.5
Under 1,000 pounds	1,085	100.0	5.9	74.5	2.9	16.7
Under 50 pounds	194	100.0	3.6	46.9	1.3	48.2
50 to 99 pounds	140	100.0	7.5	68.6	2.6	21.3
100 to 199 pounds	236	100.0	5.1	81.3	3.8	9.8
200 to 499 pounds	299	100.0	5.0	85.7	3.0	6.3
500 to 999 pounds	216	100.0	8.9	80.1	3.2	7.8
1,000 to 9,999 pounds	522	100.0	4.2	75.1	8.9	11.8
1,000 to 1,999 pounds	171	100.0	5.3	79.0	5.1	10.6
2,000 to 2,999 pounds	97	100.0	7.3	71.0	12.5	9.2
3,000 to 3,999 pounds	63	100.0	8.5	57.0	9.0	25.5
4,000 to 4,999 pounds	33	100.0	.2	71.6	15.6	12.6
5,000 to 9,999 pounds	158	100.0	.3	81.2	9.3	9.2
10,000 to 29,999 pounds	219	100.0	19.0	59.9	20.6	.5
10,000 to 19,999 pounds	135	100.0	5.0	72.5	21.5	1.0
20,000 to 29,999 pounds	84	100.0	41.6	39.2	19.2	-
30,000 to 59,999 pounds	168	100.0	50.8	31.1	17.2	.9
30,000 to 39,999 pounds	84	100.0	42.2	41.4	14.5	1.9
40,000 to 49,999 pounds	47	100.0	30.7	33.5	35.8	-
50,000 to 59,999 pounds	37	100.0	95.3	4.7	-	-
60,000 to 89,999 pounds	127	100.0	48.0	52.0	-	-
60,000 to 69,999 pounds	35	100.0	89.9	10.1	-	-
70,000 to 79,999 pounds	16	100.0	76.6	23.4	-	-
80,000 to 89,999 pounds	76	100.0	22.5	77.5	-	-
90,000 pounds and over	40	100.0	91.6	7.8	.6	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 05--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Apparel and Related Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	3,954	100.0	11.7	67.2	13.5	7.6
Under 200 miles	1,229	100.0	10.0	60.1	26.0	3.9
Under 1,000 pounds	388	100.0	1.6	78.7	8.7	11.0
1,000 to 9,999 pounds	372	100.0	2.0	55.4	41.1	1.5
10,000 to 29,999 pounds	247	100.0	29.9	36.4	33.7	-
30,000 to 59,999 pounds	154	100.0	3.0	64.8	32.2	-
60,000 to 89,999 pounds	63	100.0	50.2	49.8	-	-
90,000 pounds and over	5	100.0	-	100.0	-	-
200 to 399 miles	673	100.0	5.6	75.8	12.2	6.4
Under 1,000 pounds	286	100.0	2.8	83.1	2.3	11.8
1,000 to 9,999 pounds	194	100.0	1.9	90.1	5.5	2.5
10,000 to 29,999 pounds	137	100.0	4.3	54.0	38.6	3.1
30,000 to 59,999 pounds	43	100.0	19.8	53.8	26.4	-
60,000 to 89,999 pounds	12	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	-	-	100.0	-
400 to 599 miles	672	100.0	16.5	69.3	7.3	6.9
Under 1,000 pounds	305	100.0	2.7	80.6	3.6	13.1
1,000 to 9,999 pounds	184	100.0	2.0	84.7	10.0	3.3
10,000 to 29,999 pounds	90	100.0	29.2	53.4	17.4	-
30,000 to 59,999 pounds	47	100.0	56.7	34.5	8.8	-
60,000 to 89,999 pounds	41	100.0	100.0	-	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-
600 to 999 miles	816	100.0	12.1	72.3	7.3	8.3
Under 1,000 pounds	419	100.0	4.2	77.5	3.6	14.7
1,000 to 9,999 pounds	201	100.0	6.0	77.8	13.0	3.2
10,000 to 29,999 pounds	96	100.0	20.5	74.0	5.5	-
30,000 to 59,999 pounds	74	100.0	31.6	50.9	17.5	-
60,000 pounds and over	26	100.0	100.0	-	-	-
1,000 miles and over	564	100.0	16.5	62.7	4.0	16.8
Under 1,000 pounds	291	100.0	8.0	70.7	2.2	19.1
1,000 to 9,999 pounds	139	100.0	4.7	64.9	2.6	27.8
10,000 to 29,999 pounds	27	100.0	18.2	62.3	19.5	-
30,000 to 59,999 pounds	40	100.0	69.9	10.2	17.8	2.1
60,000 to 89,999 pounds	49	100.0	27.0	73.0	-	-
90,000 pounds and over	18	100.0	93.9	6.1	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,161	100.0	14.4	67.1	7.0	11.5
Under 200 miles	103	100.0	5.3	64.4	25.5	4.8
Under 1,000 pounds	35	100.0	2.1	79.1	5.8	13.0
1,000 to 9,999 pounds	31	100.0	2.0	67.1	29.6	1.3
10,000 to 29,999 pounds	22	100.0	11.7	43.7	44.6	-
30,000 to 59,999 pounds	9	100.0	3.4	41.1	55.5	-
60,000 to 89,999 pounds	5	100.0	22.7	77.3	-	-
90,000 pounds and over	1	100.0	-	100.0	-	-
200 to 399 miles	192	100.0	5.9	75.5	12.0	6.6
Under 1,000 pounds	85	100.0	2.9	83.0	2.2	11.9
1,000 to 9,999 pounds	54	100.0	1.6	90.4	5.8	2.2
10,000 to 29,999 pounds	38	100.0	4.7	55.0	37.1	3.2
30,000 to 59,999 pounds	12	100.0	25.0	44.3	30.7	-
60,000 to 89,999 pounds	3	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 05--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Apparel and Related Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	336	100.0	16.6	69.0	7.6	6.8
Under 1,000 pounds	152	100.0	2.7	80.5	3.7	13.1
1,000 to 9,999 pounds	93	100.0	1.8	84.1	10.7	3.4
10,000 to 29,999 pounds	45	100.0	30.4	51.5	18.1	-
30,000 to 59,999 pounds	24	100.0	57.2	34.1	8.7	-
60,000 to 89,999 pounds	20	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
600 to 999 miles	613	100.0	11.6	73.1	6.8	8.5
Under 1,000 pounds	320	100.0	4.2	77.6	3.5	14.7
1,000 to 9,999 pounds	151	100.0	6.1	78.7	11.9	3.3
10,000 to 29,999 pounds	73	100.0	20.0	73.4	6.6	-
30,000 to 59,999 pounds	52	100.0	32.4	52.2	15.4	-
60,000 pounds and over	17	100.0	100.0	-	-	-
1,000 miles and over	917	100.0	18.2	61.2	3.8	16.8
Under 1,000 pounds	493	100.0	8.7	68.9	2.1	20.3
1,000 to 9,999 pounds	193	100.0	5.0	64.9	3.2	26.9
10,000 to 29,999 pounds	42	100.0	22.3	57.9	19.8	-
30,000 to 59,999 pounds	71	100.0	72.6	11.1	14.1	2.2
60,000 to 89,999 pounds	81	100.0	23.3	76.7	-	-
90,000 pounds and over	37	100.0	93.3	6.7	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 05--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Apparel and Related Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,514	100.0	11.4	64.1	17.3	0.8	-	6.2	0.2
New England	210	100.0	8.9	69.9	3.2	.4	-	17.6	-
Middle Atlantic	1,487	100.0	8.8	63.7	20.1	.7	-	6.6	.1
East North Central	421	100.0	47.3	37.5	6.9	.8	-	7.5	-
West North Central	82	100.0	1.8	78.9	2.2	.2	-	16.8	.1
South Atlantic	1,021	100.0	6.5	76.5	10.1	.7	-	5.9	.3
East South Central	790	100.0	4.4	54.4	38.2	.4	-	2.3	.3
West South Central	301	100.0	17.0	66.6	10.6	.2	-	5.5	.1
Pacific[1]	202	100.0	6.1	82.6	4.2	4.8	0.5	1.8	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,377	100.0	15.0	66.1	7.8	1.9	.3	8.8	.1
New England	134	100.0	25.7	48.4	.8	1.0	-	24.1	-
Middle Atlantic	651	100.0	9.7	75.1	2.6	1.9	.2	10.3	.2
East North Central	258	100.0	48.1	34.1	5.9	1.1	.3	10.5	-
West North Central	43	100.0	4.4	71.3	1.5	.4	.3	21.9	.2
South Atlantic	620	100.0	7.1	78.6	6.5	.9	.2	6.6	.1
East South Central	359	100.0	6.6	62.6	26.4	.6	.1	3.4	.3
West South Central	204	100.0	28.1	56.4	8.1	.2	.2	6.9	.1
Pacific[1]	108	100.0	7.9	66.8	.2	18.6	2.3	4.2	-

[1]Not data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 05--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Apparel and Related Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	4,514	4,514	274	1,258	728	269	670	434	323	228	330
Ton-miles.....millions..	2,377	2,377	142	316	354	183	277	120	206	279	500
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	4,514	100.0	6.1	27.7	16.1	6.0	14.9	9.6	7.2	5.1	7.3
Shipments from--											
New England.....	210	100.0	16.6	35.4	26.2	2.0	7.3	1.2	1.4	8.7	1.2
Middle Atlantic.....	1,487	100.0	4.6	53.2	15.3	5.1	10.9	2.0	2.2	1.0	5.7
East North Central.....	421	100.0	1.7	14.7	31.3	8.2	10.0	6.2	12.9	7.9	7.1
West North Central.....	82	100.0	1.4	6.0	18.7	37.9	12.8	2.6	8.8	2.2	9.6
South Atlantic.....	1,021	100.0	14.1	19.7	15.3	3.9	25.9	7.7	3.8	4.9	4.7
East South Central.....	790	100.0	1.9	11.6	13.8	7.1	13.1	31.9	14.4	3.2	3.0
West South Central.....	301	100.0	1.1	8.6	10.1	8.2	22.1	14.0	23.5	4.2	8.2
Pacific[2].....	202	100.0	.3	3.4	1.1	.6	2.3	.3	1.7	36.1	54.2
TON-MILES	(millions)										
U.S. total.....	2,377	100.0	6.0	13.3	14.9	7.7	11.7	5.0	8.7	11.7	21.0
Shipments from--											
New England.....	134	100.0	1.8	12.4	36.8	3.7	6.4	1.9	3.9	28.4	4.7
Middle Atlantic.....	651	100.0	2.0	8.8	19.4	11.6	12.5	3.4	6.7	4.1	31.5
East North Central.....	258	100.0	1.8	12.1	7.2	6.8	10.1	5.0	20.5	13.8	22.7
West North Central.....	43	100.0	2.7	9.5	11.7	14.0	17.3	1.8	9.1	4.5	29.4
South Atlantic.....	620	100.0	16.1	14.6	13.0	5.1	9.4	5.6	6.1	13.6	16.5
East South Central.....	359	100.0	4.1	19.6	13.0	7.4	11.6	10.3	10.9	10.1	13.0
West South Central.....	204	100.0	2.1	14.5	11.1	9.4	21.5	3.9	9.5	6.0	22.0
Pacific[2].....	108	100.0	1.6	15.4	4.0	1.7	9.1	1.1	3.7	41.0	22.4

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 05--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Apparel and Related Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,514	100.0	11.4	64.1	17.3	0.8	-	6.2	0.2
Middle Atlantic, total	1,487	100.0	8.8	63.7	20.1	.7	-	6.6	.1
Shipments to--									
New England	69	100.0	3.0	84.9	.8	.1	-	11.2	-
Middle Atlantic	791	100.0	8.7	51.8	36.6	-	-	2.9	-
East North Central	228	100.0	8.1	74.7	2.6	1.8	-	11.9	.9
West North Central	77	100.0	6.8	84.9	-	1.3	-	6.9	.1
South Atlantic	162	100.0	13.3	75.0	1.5	.3	-	9.9	-
East South Central	30	100.0	6.8	83.0	-	.4	-	9.8	-
West South Central	32	100.0	10.2	71.8	-	1.5	0.1	16.4	-
Mountain	14	100.0	7.3	67.9	-	3.2	-	21.6	-
Pacific	84	100.0	10.4	76.1	-	3.6	.4	9.5	-
East North Central, total	421	100.0	47.3	37.5	6.9	.8	-	7.5	-
Shipments to--									
Middle Atlantic	62	100.0	50.6	34.6	8.1	.9	-	5.8	-
East North Central	132	100.0	44.1	42.6	7.9	.4	-	5.0	-
West North Central	35	100.0	58.5	29.9	3.5	2.0	-	6.1	-
South Atlantic	42	100.0	58.0	23.6	4.4	1.4	-	12.6	-
West South Central	54	100.0	8.2	79.3	5.5	.5	-	6.5	-
Pacific	30	100.0	53.3	14.5	4.5	2.4	.6	24.7	-
South Atlantic, total	1,021	100.0	6.5	76.5	10.1	.7	-	5.9	.3
Shipments to--									
New England	143	100.0	29.7	58.9	8.0	.4	-	3.0	-
Middle Atlantic	201	100.0	.2	77.5	17.0	.6	-	4.5	.2
East North Central	156	100.0	1.0	87.7	1.5	1.1	-	8.4	.3
West North Central	40	100.0	1.8	82.8	.5	2.8	-	12.1	-
South Atlantic	265	100.0	.2	76.8	16.5	.4	-	5.4	.7
East South Central	79	100.0	20.7	64.3	10.1	.4	-	4.5	-
West South Central	39	100.0	4.0	84.6	.6	.5	-	10.2	.1
Mountain	50	100.0	.2	95.7	.1	.1	-	3.9	-
Pacific	48	100.0	5.3	74.4	6.7	1.6	.5	11.5	-
East South Central, total	790	100.0	4.4	54.4	38.2	.4	-	2.3	.3
Shipments to--									
Middle Atlantic	91	100.0	.5	70.7	25.2	1.3	-	2.2	.1
East North Central	109	100.0	.3	89.0	7.0	1.1	-	2.6	-
West North Central	56	100.0	2.3	60.9	33.8	.4	-	2.6	-
South Atlantic	103	100.0	9.5	60.3	24.4	.1	-	4.3	1.4
East South Central	252	100.0	.1	25.1	73.6	-	-	1.1	.1
West South Central	114	100.0	17.4	61.0	19.2	.1	-	1.4	.9
West South Central, total	301	100.0	17.0	66.6	10.6	.2	-	5.5	.1
Shipments to--									
Middle Atlantic	26	100.0	-	89.0	.9	-	-	10.1	-
East North Central	30	100.0	.1	84.7	.7	.1	-	14.4	-
West North Central	25	100.0	32.6	52.2	3.6	-	-	11.6	-
South Atlantic	67	100.0	17.0	64.2	15.0	1.0	-	2.7	.1
West South Central	70	100.0	13.4	60.5	22.8	-	-	3.2	.1
Pacific	25	100.0	70.8	24.7	-	.1	.3	4.0	.1
Pacific, total	202	100.0	6.1	82.6	4.2	4.8	.5	1.8	-
Shipments to--									
Mountain	73	100.0	1.1	98.2	-	.1	.1	.5	-
Pacific	109	100.0	6.9	82.8	7.7	.5	.8	1.3	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 05--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Apparel and Related Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES	(millions of ton-miles)								
U.S. total	2,377	100.0	15.0	66.1	7.8	1.9	0.3	8.8	0.1
Middle Atlantic, total	651	100.0	9.7	75.1	2.6	1.9	.2	10.3	.2
Shipments to--									
New England	13	100.0	3.3	84.7	.6	.1	-	11.3	-
Middle Atlantic	57	100.0	4.0	63.6	27.6	-	-	4.8	-
East North Central	127	100.0	8.9	75.1	.5	2.0	-	12.4	1.1
West North Central	75	100.0	6.9	84.6	-	1.3	-	7.1	.1
South Atlantic	82	100.0	17.8	72.6	.2	.4	-	9.0	-
East South Central	22	100.0	7.1	82.5	-	.3	-	10.1	-
West South Central	44	100.0	11.0	71.0	-	1.4	.1	16.5	-
Mountain	26	100.0	7.4	66.8	-	3.0	-	22.8	-
Pacific	205	100.0	10.3	75.9	-	3.6	.8	9.4	-
East North Central, total	258	100.0	48.1	34.1	5.9	1.1	.3	10.5	-
Shipments to--									
Middle Atlantic	31	100.0	53.6	30.1	10.2	1.1	-	5.0	-
East North Central	18	100.0	30.3	50.3	11.3	.8	-	7.3	-
West North Central	18	100.0	63.9	27.1	.6	2.2	-	6.2	-
South Atlantic	26	100.0	57.7	22.4	7.3	1.2	-	11.4	-
West South Central	53	100.0	8.0	81.7	3.8	.4	-	6.1	-
Pacific	58	100.0	53.2	14.3	4.0	2.4	1.2	24.9	-
South Atlantic, total	620	100.0	7.1	78.6	6.5	.9	.2	6.6	.1
Shipments to--									
New England	100	100.0	28.4	61.6	6.8	.4	-	2.8	-
Middle Atlantic	91	100.0	.2	72.8	21.7	.8	-	4.4	.1
East North Central	81	100.0	.8	88.9	1.3	1.1	-	7.6	.3
West North Central	31	100.0	2.1	81.9	.5	2.4	-	13.1	-
South Atlantic	58	100.0	.3	87.4	5.5	.8	-	5.8	.2
East South Central	35	100.0	22.2	67.0	6.7	.4	-	3.7	-
West South Central	38	100.0	3.2	85.3	.7	.6	-	10.1	.1
Mountain	84	100.0	.2	95.3	.1	.1	-	4.3	-
Pacific	102	100.0	4.9	74.0	6.7	1.7	1.0	11.7	-
East South Central, total	359	100.0	6.6	62.6	26.4	.6	.1	3.4	.3
Shipments to--									
Middle Atlantic	70	100.0	.5	73.4	22.5	1.3	-	2.2	.1
East North Central	47	100.0	.4	86.3	9.1	1.1	-	3.1	-
West North Central	27	100.0	4.2	73.7	18.1	.4	-	3.6	-
South Atlantic	42	100.0	8.3	57.5	28.6	.1	-	3.0	2.5
East South Central	37	100.0	.1	33.6	64.6	-	-	1.6	.1
West South Central	39	100.0	34.2	53.7	9.5	.1	-	2.4	.1
West South Central, total	204	100.0	28.1	56.4	8.1	.2	.2	6.9	.1
Shipments to--									
Middle Atlantic	29	100.0	-	88.2	1.0	-	-	10.8	-
East North Central	23	100.0	.1	83.9	.9	.1	-	15.0	-
West North Central	19	100.0	44.1	39.4	4.9	-	-	11.6	-
South Atlantic	44	100.0	12.6	60.5	22.2	.8	-	3.7	.2
West South Central	19	100.0	23.9	60.7	12.3	-	-	3.1	-
Pacific	45	100.0	75.1	20.7	-	.1	.7	3.3	.1
Pacific, total	108	100.0	7.9	66.8	.2	18.6	2.3	4.2	-
Shipments to--									
Mountain	44	100.0	1.1	98.1	-	.1	.1	.6	-
Pacific	24	100.0	3.2	80.0	1.0	2.6	10.3	2.9	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 05--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Apparel and Related Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	4,514	842	2,835	837	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,377	419	1,401	557
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	11.4	1.0	12.2	19.1	15.0	1.6	18.4	16.7
Motor carrier.....	64.1	65.6	64.3	61.9	66.1	77.3	64.5	61.9
Private truck.....	17.3	24.0	18.1	7.9	7.8	7.0	8.8	5.9
Air.....	.8	1.0	.5	1.3	1.9	3.8	1.2	2.1
Water.....	-	-	.1	-	.3	.2	.3	.2
Other.....	6.2	8.0	4.7	9.5	8.8	9.8	6.8	12.9
Unknown.....	.2	.4	.1	.3	.1	.3	-	.3
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	21.6	35.7	20.4	11.4	1.9	3.7	1.8	.8
100 to 199 miles.....	13.2	9.3	15.7	8.5	3.5	3.1	4.3	1.8
200 to 299 miles.....	9.1	7.4	9.0	11.3	4.2	3.5	4.4	4.2
300 to 399 miles.....	6.9	5.8	7.4	6.2	4.5	3.9	5.2	3.2
400 to 499 miles.....	8.4	8.4	7.2	12.2	7.3	7.9	6.7	8.3
500 to 999 miles.....	26.8	20.6	27.7	30.4	35.6	29.1	38.9	31.8
1,000 miles and over.....	14.0	12.8	12.6	20.0	43.0	48.8	38.7	49.9

Table 8. SHIPPER GROUP 05--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Apparel and Related Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	16.6	10.3	34.3	29.4
Highway facilities.....	91.2	94.0	83.3	85.2
Rail and highway facilities.....	12.0	7.4	25.2	18.4
Air facilities.....	79.7	82.8	71.3	68.8
Rail, highway, and air facilities.....	9.7	6.6	18.5	17.4
Water facilities.....	31.1	33.7	24.6	17.9
Rail, highway, air, and water facilities.	2.1	.9	5.6	5.6

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 12.4 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 051--Percent Distribution of Distance, by Means of Transport: 1967

Men's, Youths', and Boys' Clothing

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	862	100.0	2.8	70.9	16.0	0.5	-	9.6	0.2
Under 50 miles	41	100.0	5.1	34.7	49.9	.2	-	10.1	-
50 to 99 miles	57	100.0	7.9	65.3	19.5	-	-	7.3	-
100 to 199 miles	127	100.0	2.9	76.4	14.0	-	-	6.7	-
200 to 299 miles	114	100.0	.5	64.2	26.8	.2	-	8.2	.1
300 to 299 miles	63	100.0	2.9	75.2	4.9	.1	-	16.9	-
400 to 499 miles	67	100.0	2.6	76.5	12.2	.2	-	8.5	-
500 to 599 miles	46	100.0	2.5	67.3	17.4	1.9	-	10.9	-
600 to 799 miles	128	100.0	3.5	75.1	9.6	1.4	-	9.2	1.2
800 to 999 miles	75	100.0	1.3	72.6	14.0	.2	-	11.9	-
1,000 to 1,199 miles	58	100.0	1.3	89.7	2.0	.4	-	6.6	-
1,200 to 1,499 miles	24	100.0	1.6	54.6	25.1	1.0	-	17.7	-
1,500 to 1,999 miles	32	100.0	2.5	62.3	25.8	.7	0.1	8.5	.1
2,000 miles and over	30	100.0	5.2	77.2	1.7	2.1	.6	13.2	-
TON-MILES	(millions of ton-miles)								
Total	496	100.0	2.7	73.0	12.5	.9	.2	10.5	.2
Under 50 miles	1	100.0	3.3	36.4	51.1	.3	-	8.9	-
50 to 99 miles	5	100.0	8.1	65.3	19.7	-	-	6.9	-
100 to 199 miles	18	100.0	3.0	77.2	12.3	-	-	7.5	-
200 to 299 miles	27	100.0	.5	65.2	25.7	.2	-	8.3	.1
300 to 399 miles	21	100.0	2.9	75.5	4.9	.1	-	16.5	.1
400 to 499 miles	30	100.0	2.6	75.7	12.8	.2	-	8.7	-
500 to 599 miles	26	100.0	2.5	67.4	17.4	1.9	-	10.8	-
600 to 799 miles	89	100.0	3.3	75.5	9.3	1.3	-	9.3	1.3
800 to 999 miles	67	100.0	1.3	72.4	14.4	.2	-	11.7	-
1,000 to 1,199 miles	61	100.0	1.3	89.3	2.1	.5	-	6.8	-
1,200 to 1,499 miles	32	100.0	1.5	55.5	24.3	1.0	-	17.7	-
1,500 to 1,999 miles	54	100.0	2.5	62.7	25.5	.7	.1	8.4	.1
2,000 miles and over	65	100.0	5.7	75.4	1.6	2.3	1.2	13.8	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 051--Percent Distribution of Weight, by Means of Transport: 1967

Men's, Youths', and Boys' Clothing

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	771	100.0	3.2	71.4	15.3	10.1
Under 1,000 pounds	389	100.0	3.5	74.5	6.5	15.5
Under 50 pounds	54	100.0	5.1	32.5	3.6	58.8
50 to 99 pounds	54	100.0	6.6	65.8	8.8	18.8
100 to 199 pounds	86	100.0	2.9	83.8	4.0	9.3
200 to 499 pounds	113	100.0	1.9	86.4	6.2	5.5
500 to 999 pounds	82	100.0	3.0	82.2	9.8	5.0
1,000 to 9,999 pounds	242	100.0	3.3	81.0	9.6	6.1
1,000 to 1,999 pounds	88	100.0	2.8	85.9	4.3	7.0
2,000 to 2,999 pounds	37	100.0	8.0	69.6	10.2	12.2
3,000 to 3,999 pounds	28	100.0	8.5	75.1	8.8	7.6
4,000 to 4,999 pounds	17	100.0	.1	73.4	26.5	-
5,000 to 9,999 pounds	72	100.0	.1	85.4	12.0	2.5
10,000 to 29,999 pounds	112	100.0	2.6	48.7	45.3	3.4
10,000 to 19,999 pounds	80	100.0	.9	40.0	54.3	4.8
20,000 to 29,999 pounds	32	100.0	6.7	70.5	22.8	-
30,000 to 59,999 pounds	28	100.0	-	33.1	66.9	-
30,000 to 39,999 pounds	21	100.0	-	26.0	74.0	-
40,000 to 59,999 pounds	7	100.0	-	50.9	49.1	-
60,000 pounds and over	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)					
Total	460	100.0	2.9	73.5	12.2	11.4
Under 1,000 pounds	242	100.0	3.3	74.4	5.7	16.6
Under 50 pounds	35	100.0	5.1	34.3	4.5	56.1
50 to 99 pounds	35	100.0	7.3	66.6	7.3	18.8
100 to 199 pounds	57	100.0	3.3	83.0	3.2	10.5
200 to 499 pounds	70	100.0	1.2	85.2	6.5	7.1
500 to 999 pounds	45	100.0	2.2	83.7	7.1	7.0
1,000 to 9,999 pounds	149	100.0	2.1	84.2	6.6	7.1
1,000 to 1,999 pounds	48	100.0	5.1	78.8	5.3	10.8
2,000 to 2,999 pounds	17	100.0	1.8	79.2	7.0	12.0
3,000 to 3,999 pounds	16	100.0	1.5	76.3	8.3	13.9
4,000 to 4,999 pounds	9	100.0	.3	88.1	11.6	-
5,000 to 9,999 pounds	59	100.0	.1	91.4	6.4	2.1
10,000 to 29,999 pounds	52	100.0	4.3	55.1	38.4	2.2
10,000 to 19,999 pounds	34	100.0	1.6	56.5	38.5	3.4
20,000 to 29,999 pounds	18	100.0	9.5	52.5	38.0	-
30,000 to 59,999 pounds	17	100.0	-	25.5	74.5	-
30,000 to 39,999 pounds	12	100.0	-	28.3	71.7	-
40,000 to 59,999 pounds	5	100.0	-	17.6	82.4	-
60,000 pounds and over	-	-	-	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 051--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Men's, Youths', and Boys' Clothing

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	771	100.0	3.2	71.4	15.3	10.1
Under 200 miles	175	100.0	5.8	66.9	18.9	8.4
Under 1,000 pounds	73	100.0	5.1	67.0	10.3	17.6
1,000 to 9,999 pounds	56	100.0	11.1	68.4	17.6	2.9
10,000 to 29,999 pounds	35	100.0	.5	75.6	23.9	-
30,000 pounds and over	11	100.0	-	30.6	69.4	-
200 to 399 miles	167	100.0	1.4	68.1	19.6	10.9
Under 1,000 pounds	73	100.0	3.2	81.7	1.5	13.6
1,000 to 9,999 pounds	48	100.0	-	87.6	3.3	9.1
10,000 to 29,999 pounds	42	100.0	-	19.3	71.6	9.1
30,000 pounds and over	4	100.0	-	100.0	-	-
400 to 599 miles	107	100.0	2.6	73.9	14.6	8.9
Under 1,000 pounds	71	100.0	3.0	76.7	7.8	12.5
1,000 to 9,999 pounds	28	100.0	2.5	86.0	9.4	2.1
10,000 to 29,999 pounds	4	100.0	-	16.0	84.0	-
30,000 pounds and over	4	100.0	-	-	100.0	-
600 to 999 miles	184	100.0	3.0	73.1	12.1	11.8
Under 1,000 pounds	110	100.0	2.7	74.0	8.2	15.1
1,000 to 9,999 pounds	54	100.0	.2	74.3	15.6	9.9
10,000 pounds and over	20	100.0	11.9	64.0	24.1	-
1,000 miles and over	138	100.0	2.5	76.9	10.0	10.6
Under 1,000 pounds	61	100.0	3.7	74.1	3.3	18.9
1,000 to 9,999 pounds	57	100.0	1.6	92.0	1.3	5.1
10,000 to 29,999 pounds	11	100.0	2.7	61.2	36.1	-
30,000 pounds and over	9	100.0	-	21.0	79.0	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	460	100.0	2.9	73.5	12.2	11.4
Under 200 miles	19	100.0	5.1	72.2	14.6	8.1
Under 1,000 pounds	7	100.0	6.1	66.9	7.8	19.2
1,000 to 9,999 pounds	6	100.0	8.5	79.8	9.7	2.0
10,000 to 29,999 pounds	5	100.0	.3	78.9	20.8	-
30,000 pounds and over	1	100.0	-	38.0	62.0	-
200 to 399 miles	45	100.0	1.7	69.8	17.0	11.5
Under 1,000 pounds	22	100.0	3.5	81.3	1.5	13.7
1,000 to 9,999 pounds	12	100.0	-	87.9	3.9	8.2
10,000 to 29,999 pounds	10	100.0	-	20.1	68.4	11.5
30,000 pounds and over	1	100.0	-	100.0	-	-
400 to 599 miles	52	100.0	2.7	73.0	15.2	9.1
Under 1,000 pounds	35	100.0	3.1	75.8	8.4	12.7
1,000 to 9,999 pounds	13	100.0	2.5	85.5	9.6	2.4
10,000 to 29,999 pounds	2	100.0	-	13.9	86.1	-
30,000 pounds and over	2	100.0	-	-	100.0	-
600 to 999 miles	141	100.0	2.7	73.0	12.5	11.8
Under 1,000 pounds	85	100.0	2.5	74.5	8.0	15.0
1,000 to 9,999 pounds	40	100.0	.2	74.2	15.7	9.9
10,000 pounds and over	16	100.0	10.3	61.6	28.1	-
1,000 miles and over	203	100.0	3.2	75.1	9.9	11.8
Under 1,000 pounds	93	100.0	3.9	72.7	3.3	20.1
1,000 to 9,999 pounds	78	100.0	2.8	88.8	1.7	6.7
10,000 to 29,999 pounds	19	100.0	3.0	66.4	30.6	-
30,000 pounds and over	13	100.0	-	22.5	77.5	-

[1]Includes only shipments represended by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 051--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Men's, Youths', and Boys' Clothing

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	862	100.0	2.8	70.9	16.0	0.5	-	9.6	0.2
Middle Atlantic	149	100.0	9.2	59.1	12.0	1.6	-	18.1	-
West North Central	52	100.0	-	78.9	.8	.3	-	19.8	.2
South Atlantic	198	100.0	-	83.4	6.6	.3	-	9.7	-
East South Central	256	100.0	.7	59.5	35.2	.3	-	3.6	.7
West South Central	89	100.0	.2	73.4	12.8	-	-	13.6	-
Balance of United States[1]	118	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	496	100.0	2.7	73.0	12.5	.9	0.2	10.5	.2
Middle Atlantic	75	100.0	14.6	55.9	1.3	3.3	.1	24.8	-
West North Central	23	100.0	-	68.0	.3	.5	-	30.9	.3
South Atlantic	111	100.0	-	88.6	1.8	.5	.2	8.9	-
East South Central	141	100.0	.6	62.6	32.8	.5	.1	2.6	.8
West South Central	71	100.0	.2	67.9	17.0	-	-	14.9	-
Balance of United States[1]	75	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 051--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Men's, Youths', and Boys' Clothing

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	862	862	40	165	128	68	162	120	84	31	64
Ton-miles.....millions..	496	496	25	70	66	33	60	35	71	40	96
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	862	100.0	4.7	19.1	14.9	7.9	18.7	14.0	9.7	3.6	7.4
Shipments from--											
Middle Atlantic	149	100.0	5.7	43.6	19.0	3.4	13.1	2.6	5.6	1.3	5.7
West North Central	52	100.0	.5	4.4	13.9	53.0	7.3	2.2	7.2	2.3	9.2
South Atlantic	198	100.0	9.2	13.6	13.9	4.1	37.0	8.5	3.3	3.7	6.7
East South Central	256	100.0	1.8	17.7	11.4	4.3	16.0	35.4	4.8	3.9	4.7
West South Central	89	100.0	1.0	9.4	27.3	13.3	17.2	5.1	14.8	6.8	5.1
Balance U.S.[2]	118	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	496	100.0	4.9	14.1	13.3	6.7	12.1	7.0	14.3	8.1	19.5
Shipments from--											
Middle Atlantic	75	100.0	2.1	8.5	21.7	6.8	10.0	3.9	14.8	4.9	27.3
West North Central	23	100.0	1.1	8.1	10.1	21.7	10.0	1.3	7.2	6.0	34.5
South Atlantic	111	100.0	12.1	9.9	10.1	4.9	12.5	8.8	5.4	11.3	25.0
East South Central	141	100.0	3.5	24.1	10.5	5.4	11.4	12.5	5.5	10.2	16.9
West South Central	71	100.0	1.8	13.9	25.3	10.4	22.9	3.1	5.1	7.9	9.6
Balance U.S.[2]	75	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 051--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Men's, Youths', and Boys' Clothing

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	862	100.0	2.8	70.9	16.0	0.5	-	9.6	0.2
Middle Atlantic, total	149	100.0	9.2	59.1	12.0	1.6	-	18.1	-
Shipments to--									
Middle Atlantic	65	100.0	4.4	65.5	22.2	-	-	7.9	-
East North Central	28	100.0	9.7	65.8	1.7	3.9	-	18.9	-
South Atlantic	20	100.0	15.8	40.0	12.4	1.0	-	30.8	-
West South Central	8	100.0	9.2	62.0	-	4.0	0.3	24.5	-
Pacific	9	100.0	15.5	48.3	-	3.3	.1	32.8	-
South Atlantic, total	198	100.0	-	83.4	6.6	.3	-	9.7	-
Shipments to--									
Middle Atlantic	27	100.0	-	91.6	4.5	-	-	3.9	-
East North Central	27	100.0	-	80.4	-	.1	-	19.5	-
South Atlantic	73	100.0	-	76.6	15.4	.1	-	7.9	-
East South Central, total	256	100.0	.7	59.5	35.2	.3	-	3.6	.7
Shipments to--									
Middle Atlantic	45	100.0	.4	48.3	48.6	1.1	-	1.4	.2
East North Central	29	100.0	.1	78.1	15.9	.5	-	5.4	-
South Atlantic	41	100.0	2.5	72.0	13.6	-	-	8.4	3.5
East South Central	90	100.0	.1	47.3	50.2	-	-	2.2	.2
TON-MILES	(millions of ton-miles)								
U.S. total	496	100.0	2.7	73.0	12.5	.9	.2	10.5	.2
Middle Atlantic, total	75	100.0	14.6	55.9	1.3	3.3	.1	24.8	-
Shipments to--									
Middle Atlantic	6	100.0	8.0	74.6	8.2	-	-	9.2	-
East North Central	16	100.0	9.2	66.9	1.0	4.1	-	18.8	-
South Atlantic	8	100.0	25.1	43.5	2.6	1.7	-	27.1	-
West South Central	11	100.0	9.5	61.4	-	4.1	.3	24.7	-
Pacific	21	100.0	15.9	47.8	-	3.5	.3	32.5	-
South Atlantic, total	111	100.0	-	88.6	1.8	.5	.2	8.9	-
Shipments to--									
Middle Atlantic	11	100.0	-	90.8	5.5	-	-	3.7	-
East North Central	11	100.0	-	81.9	-	.1	-	18.0	-
South Atlantic	14	100.0	-	83.6	8.1	.1	-	8.2	-
East South Central, total	141	100.0	.6	62.6	32.8	.5	.1	2.6	.8
Shipments to--									
Middle Atlantic	34	100.0	.4	52.9	44.3	.8	-	1.4	.2
East North Central	15	100.0	.1	77.3	17.0	.4	-	5.2	-
South Atlantic	16	100.0	2.2	71.4	14.8	-	-	5.1	6.5
East South Central	18	100.0	.1	49.6	47.8	-	-	2.3	.2

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 051--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Men's, Youths', and Boys' Clothing

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	862	98	539	225	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	496	37	310	149
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	2.8	4.9	3.2	1.0	2.7	8.9	2.9	.8
Motor carrier.....	70.9	65.7	68.6	78.2	73.0	65.9	72.2	76.4
Private truck.....	16.0	9.5	19.5	10.5	12.5	.8	15.8	8.4
Air.....	.5	.3	.7	.3	.9	.6	1.2	.3
Water.....	-	-	-	-	.2	-	.2	.1
Other.....	9.6	19.6	7.9	9.4	10.5	23.8	7.6	13.3
Unknown.....	.2	-	.1	.6	.2	-	.1	.7
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	11.4	32.5	10.1	5.3	1.2	4.4	1.2	.5
100 to 199 miles.....	14.7	5.4	17.3	12.5	3.6	2.3	4.2	2.6
200 to 299 miles.....	13.3	13.5	12.5	14.8	5.4	8.4	5.0	5.3
300 to 399 miles.....	7.3	16.5	6.4	5.2	4.3	13.9	3.9	2.7
400 to 499 miles.....	7.8	6.7	8.6	6.1	6.0	8.1	6.7	4.1
500 to 999 miles.....	28.8	18.5	27.8	36.6	36.6	32.4	35.4	40.2
1,000 miles and over.....	16.7	6.9	17.3	19.5	42.9	30.5	43.6	44.6

Table 8. SHIPPER CLASS 051--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Men's, Youths', and Boys' Clothing

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	24.8	18.5	33.6	29.7
Highway facilities	73.1	75.3	66.8	90.9
Rail and highway facilities	9.0	6.2	11.2	20.6
Air facilities	85.2	87.6	84.1	69.7
Rail, highway, and air facilities	8.9	6.2	11.2	19.6
Water facilities	26.1	30.9	20.5	15.4
Rail, highway, air, and water facilities	4.9	6.2	2.4	7.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 10.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 052--Percent Distribution of Distance, by Means of Transport: 1967

Women's, Misses', Girls', and Infants' Clothing

Distance shipped	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	757	100.0	9.0	61.0	14.1	1.4	-	14.2	0.3
Under 50 miles	86	100.0	-	31.6	63.7	-	-	4.7	-
50 to 99 miles	73	100.0	-	77.5	13.8	-	-	8.6	.1
100 to 199 miles	86	100.0	-	78.6	7.8	-	-	13.6	-
200 to 299 miles	50	100.0	.1	72.4	12.7	-	-	14.8	-
300 to 399 miles	23	100.0	.3	66.7	-	.7	-	32.2	.1
400 to 499 miles	78	100.0	20.5	62.2	-	.3	-	17.0	-
500 to 599 miles	71	100.0	23.7	48.3	16.1	1.7	-	9.5	.7
600 to 799 miles	119	100.0	22.4	46.3	14.6	.8	-	14.6	1.3
800 to 999 miles	34	100.0	1.4	73.3	-	1.7	-	23.4	.2
1,000 to 1,199 miles	26	100.0	.6	79.9	-	1.6	-	17.6	.3
1,200 to 1,499 miles	11	100.0	3.3	69.6	-	3.8	-	23.0	.3
1,500 to 1,999 miles	56	100.0	2.8	73.7	-	6.3	-	17.2	-
2,000 miles and over	44	100.0	13.7	59.0	.1	7.1	0.7	19.4	-
TON-MILES	(millions of ton-miles)								
Total	478	100.0	11.4	62.3	4.9	3.5	.3	17.3	.3
Under 50 miles	3	100.0	-	25.5	71.0	-	-	3.5	-
50 to 99 miles	6	100.0	-	78.7	13.1	-	-	8.1	.1
100 to 199 miles	14	100.0	-	79.6	7.5	-	-	12.9	-
200 to 299 miles	12	100.0	-	72.7	12.5	-	-	14.8	-
300 to 399 miles	8	100.0	.3	66.9	-	.6	-	32.0	.2
400 to 499 miles	36	100.0	20.7	62.1	-	.3	-	16.9	-
500 to 599 miles	40	100.0	23.7	47.7	17.0	1.6	-	9.4	.6
600 to 799 miles	83	100.0	23.4	46.4	13.7	.8	-	14.4	1.3
800 to 999 miles	30	100.0	1.5	73.2	-	1.6	-	23.5	.2
1,000 to 1,199 miles	28	100.0	.6	79.7	-	1.6	-	17.8	.3
1,200 to 1,499 miles	15	100.0	3.3	70.2	-	3.7	-	22.5	.3
1,500 to 1,999 miles	98	100.0	2.9	71.6	-	6.7	-	18.8	-
2,000 miles and over	105	100.0	13.6	59.1	-	7.1	1.2	19.0	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 052--Percent Distribution of Weight, by Means of Transport: 1967

Women's, Misses', Girls', and Infants' Clothing

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	677	100.0	10.0	59.0	14.1	16.9
Under 1,000 pounds	385	100.0	2.5	68.8	2.1	26.6
Under 50 pounds	138	100.0	1.0	52.2	.6	46.2
50 to 99 pounds	57	100.0	2.8	66.2	.6	30.4
100 to 199 pounds	74	100.0	2.1	82.0	.3	15.6
200 to 499 pounds	67	100.0	1.3	88.1	1.4	9.2
500 to 999 pounds	49	100.0	8.9	71.2	12.4	7.5
1,000 to 9,999 pounds	169	100.0	-	43.9	48.4	7.7
1,000 to 1,999 pounds	59	100.0	-	53.0	44.2	2.8
2,000 to 2,999 pounds	46	100.0	-	41.9	58.1	-
3,000 to 3,999 pounds	19	100.0	-	24.4	58.1	17.5
4,000 to 4,999 pounds	16	100.0	-	21.7	65.0	13.3
5,000 to 9,999 pounds	29	100.0	-	53.9	25.1	21.0
10,000 to 29,999 pounds	46	100.0	58.4	31.4	10.2	-
10,000 to 19,999 pounds	21	100.0	11.6	65.6	22.8	-
20,000 to 29,999 pounds	25	100.0	96.4	3.6	-	-
30,000 to 59,999 pounds	34	100.0	94.2	5.8	-	-
30,000 to 39,999 pounds	19	100.0	92.7	7.3	-	-
40,000 to 49,999 pounds	12	100.0	99.1	.9	-	-
50,000 to 59,999 pounds	3	100.0	83.4	16.6	-	-
60,000 to 89,999 pounds	37	100.0	-	100.0	-	-
60,000 to 69,999 pounds	1	100.0	-	100.0	-	-
70,000 to 79,999 pounds	1	100.0	-	100.0	-	-
80,000 to 89,999 pounds	35	100.0	-	100.0	-	-
90,000 pounds and over	6	100.0	-	85.2	14.8	-
TON-MILES	(millions of ton-miles)					
Total	445	100.0	12.2	61.6	3.8	22.4
Under 1,000 pounds	275	100.0	6.8	63.1	.3	29.8
Under 50 pounds	105	100.0	2.2	50.0	.1	47.7
50 to 99 pounds	37	100.0	6.3	56.0	.2	37.5
100 to 199 pounds	59	100.0	4.6	80.8	-	14.6
200 to 499 pounds	46	100.0	2.9	84.0	.1	13.0
500 to 999 pounds	28	100.0	35.4	52.3	1.8	10.5
1,000 to 9,999 pounds	70	100.0	-	52.7	21.5	25.8
1,000 to 1,999 pounds	17	100.0	-	76.8	17.6	5.6
2,000 to 2,999 pounds	21	100.0	-	62.7	37.3	-
3,000 to 3,999 pounds	7	100.0	-	44.7	37.7	17.6
4,000 to 4,999 pounds	6	100.0	-	15.0	20.4	64.6
5,000 to 9,999 pounds	19	100.0	-	34.9	2.7	62.4
10,000 to 29,999 pounds	23	100.0	67.7	27.5	4.8	-
10,000 to 19,999 pounds	8	100.0	14.0	72.3	13.7	-
20,000 to 29,999 pounds	15	100.0	96.6	3.4	-	-
30,000 to 59,999 pounds	21	100.0	94.9	5.1	-	-
30,000 to 39,999 pounds	13	100.0	91.9	8.1	-	-
40,000 to 49,999 pounds	7	100.0	99.8	.2	-	-
50,000 to 59,999 pounds	1	100.0	95.8	4.2	-	-
60,000 to 89,999 pounds	55	100.0	-	100.0	-	-
60,000 to 69,999 pounds	-	-	-	-	-	-
70,000 to 79,999 pounds	-	-	-	-	-	-
80,000 to 89,999 pounds	55	100.0	-	100.0	-	-
90,000 pounds and over	1	100.0	-	73.9	26.1	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 052--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Women's, Misses', Girls', and Infants' Clothing

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	677	100.0	10.0	59.0	14.1	16.9
Under 200 miles	197	100.0	-	53.5	36.4	10.1
Under 1,000 pounds	108	100.0	-	75.3	7.4	17.3
1,000 to 29,999 pounds	78	100.0	-	16.8	81.4	1.8
30,000 to 59,999 pounds	1	100.0	-	100.0	-	-
60,000 to 89,999 pounds	5	100.0	-	100.0	-	-
90,000 pounds and over	5	100.0	-	100.0	-	-
200 to 399 miles	70	100.0	.1	70.3	9.0	20.6
Under 1,000 pounds	50	100.0	.2	70.4	.3	29.1
1,000 to 9,999 pounds	13	100.0	-	92.0	8.0	-
10,000 pounds and over	7	100.0	-	37.1	62.9	-
400 to 599 miles	135	100.0	24.3	60.0	.3	15.4
Under 1,000 pounds	59	100.0	1.2	68.9	.2	29.7
1,000 to 9,999 pounds	33	100.0	-	88.9	1.0	10.1
10,000 to 29,999 pounds	30	100.0	61.0	39.0	-	-
30,000 pounds and over	13	100.0	100.0	-	-	-
600 to 999 miles	142	100.0	19.1	49.6	12.2	19.1
Under 1,000 pounds	79	100.0	1.1	64.7	.1	34.1
1,000 to 9,999 pounds	36	100.0	-	50.5	48.4	1.1
10,000 to 29,999 pounds	8	100.0	100.0	-	-	-
30,000 pounds and over	19	100.0	92.8	7.2	-	-
1,000 miles and over	133	100.0	6.0	69.3	-	24.7
Under 1,000 pounds	90	100.0	8.9	63.5	-	27.6
1,000 to 59,999 pounds	11	100.0	-	25.6	-	74.4
60,000 pounds and over	32	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	445	100.0	12.2	61.6	3.8	22.4
Under 200 miles	16	100.0	-	61.2	24.8	14.0
Under 1,000 pounds	10	100.0	-	72.9	6.1	21.0
1,000 to 29,999 pounds	4	100.0	-	26.5	69.8	3.7
30,000 to 59,999 pounds	-	-	-	-	-	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	1	100.0	-	100.0	-	-
200 to 399 miles	20	100.0	.2	69.7	7.9	22.2
Under 1,000 pounds	15	100.0	.2	69.7	.2	29.9
1,000 to 9,999 pounds	3	100.0	-	92.2	7.8	-
10,000 pounds and over	2	100.0	-	37.1	62.9	-
400 to 599 miles	67	100.0	24.9	59.7	.3	15.1
Under 1,000 pounds	29	100.0	1.3	69.1	.2	29.4
1,000 to 9,999 pounds	16	100.0	-	89.2	1.1	9.7
10,000 to 29,999 pounds	15	100.0	62.7	37.3	-	-
30,000 pounds and over	7	100.0	100.0	-	-	-
600 to 999 miles	105	100.0	19.0	50.5	10.9	19.6
Under 1,000 pounds	60	100.0	1.2	65.2	.1	33.5
1,000 to 9,999 pounds	25	100.0	-	52.0	46.6	1.4
10,000 to 29,999 pounds	6	100.0	100.0	-	-	-
30,000 pounds and over	14	100.0	92.8	7.2	-	-
1,000 miles and over	237	100.0	7.3	66.4	-	26.3
Under 1,000 pounds	161	100.0	10.8	60.3	-	28.9
1,000 to 59,999 pounds	21	100.0	-	24.7	-	75.3
60,000 pounds and over	55	100.0	-	100.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 052--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Women's, Misses', Girls', and Infants' Clothing

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	757	100.0	9.0	61.0	14.1	1.4	-	14.2	0.3
New England	34	100.0	-	66.8	20.2	-	-	13.0	-
Middle Atlantic	260	100.0	1.5	73.6	3.2	1.2	-	19.9	.6
East North Central	29	100.0	.1	35.2	-	1.0	0.2	63.5	-
South Atlantic	320	100.0	18.2	56.7	16.0	.6	-	8.3	.2
East South Central	73	100.0	2.2	54.5	41.7	.1	-	1.5	-
West South Central	22	100.0	.3	41.4	46.6	.1	.2	11.0	.4
Balance of United States[1]	19	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	478	100.0	11.4	62.3	4.9	3.5	.3	17.3	.3
New England	12	100.0	-	77.5	9.1	-	-	13.4	-
Middle Atlantic	172	100.0	5.4	68.2	.9	3.1	.3	21.4	.7
East North Central	26	100.0	-	23.3	-	.8	1.1	74.8	-
South Atlantic	207	100.0	17.2	63.7	9.1	.6	-	9.3	.1
East South Central	28	100.0	7.8	84.7	4.6	.2	.4	2.3	-
West South Central	8	100.0	.5	65.1	9.5	.4	2.5	21.6	.4
Balance of United States[1]	25	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 052--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Women's, Misses', Girls', and Infants' Clothing

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	757	757	99	206	81	35	138	67	37	44	50
Ton-miles.....millions..	478	478	54	58	47	31	56	20	27	75	110
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	757	100.0	13.0	27.1	10.7	4.7	18.3	8.8	4.9	5.9	6.6
Shipments from--											
New England	34	100.0	27.7	49.6	8.2	1.3	6.7	.6	3.9	.2	1.8
Middle Atlantic	260	100.0	5.4	40.8	16.6	6.9	11.8	2.4	3.2	2.3	10.6
East North Central	29	100.0	3.5	11.7	18.4	8.6	18.2	4.8	7.6	1.9	25.3
South Atlantic	320	100.0	21.9	19.8	7.1	2.9	25.0	7.7	1.9	11.1	2.6
East South Central	73	100.0	4.2	17.5	4.2	2.4	18.6	45.4	3.1	1.3	3.3
West South Central	22	100.0	.7	4.4	4.8	4.5	6.2	2.5	70.7	2.3	3.9
Balance of U.S.[2]	19	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	478	100.0	11.3	12.2	9.8	6.5	11.6	4.2	5.7	15.6	23.1
Shipments from--											
New England	12	100.0	4.7	25.8	16.1	4.8	10.2	1.6	22.0	.9	13.9
Middle Atlantic	172	100.0	1.6	6.7	15.2	10.7	10.6	2.9	6.9	6.2	39.2
East North Central	26	100.0	2.8	7.4	4.6	4.7	11.1	2.4	8.1	2.7	56.2
South Atlantic	207	100.0	21.9	13.0	6.2	3.4	9.5	5.4	2.7	29.2	8.7
East South Central	28	100.0	9.8	31.5	5.1	5.2	14.0	7.1	5.4	4.8	17.1
West South Central	8	100.0	2.7	14.1	9.5	7.3	14.5	4.0	25.5	4.7	17.7
Balance of U.S.[2]	25	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 052--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Women's, Misses', Girls', and Infants' Clothing

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	757	100.0	9.0	61.0	14.1	1.4	-	14.2	0.3
Middle Atlantic, total	260	100.0	1.5	73.6	3.2	1.2	-	19.9	.6
Shipments to--									
New England	14	100.0	-	79.2	-	-	-	20.8	-
Middle Atlantic	106	100.0	-	81.3	7.8	-	-	10.9	-
East North Central	43	100.0	.2	54.5	-	1.8	-	39.9	3.6
West North Central	18	100.0	-	81.7	-	1.3	-	16.5	.5
South Atlantic	31	100.0	-	74.7	-	.2	-	25.1	-
West South Central	8	100.0	.8	74.4	-	1.4	-	23.4	-
Pacific	28	100.0	13.1	65.1	-	5.8	0.4	15.6	-
South Atlantic, total	320	100.0	18.2	56.7	16.0	.6	-	8.3	.2
Shipments to--									
Middle Atlantic	63	100.0	-	63.7	27.9	.6	-	7.8	-
East North Central	23	100.0	-	75.1	.1	1.1	-	21.7	2.0
South Atlantic	80	100.0	-	64.5	27.9	-	-	7.6	-
TON-MILES	(millions of ton-miles)								
U.S. total	478	100.0	11.4	62.3	4.9	3.5	.3	17.3	.3
Middle Atlantic, total	172	100.0	5.4	68.2	.9	3.1	.3	21.4	.7
Shipments to--									
New England	3	100.0	-	79.0	-	-	-	21.0	-
Middle Atlantic	11	100.0	-	73.3	14.0	-	-	12.7	-
East North Central	26	100.0	.2	54.8	-	2.0	-	38.6	4.4
West North Central	18	100.0	-	82.0	-	1.3	-	16.1	.6
South Atlantic	18	100.0	-	76.8	-	.3	-	22.9	-
West South Central	12	100.0	.7	75.0	-	1.1	-	23.2	-
Pacific	67	100.0	13.0	65.1	-	5.7	.8	15.4	-
South Atlantic, total	207	100.0	17.2	63.7	9.1	.6	-	9.3	.1
Shipments to--									
Middle Atlantic	27	100.0	-	48.7	42.9	.9	-	7.5	-
East North Central	13	100.0	-	77.2	-	.9	-	20.0	1.9
South Atlantic	20	100.0	-	88.2	4.0	-	-	7.7	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 052--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Women's, Misses', Girls', and Infants' Clothing

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	757	265	348	144	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	478	156	182	140
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	9.0	.2	17.8	3.9	11.4	.4	24.5	6.7
Motor carrier.....	61.0	76.3	49.7	60.5	62.3	75.8	51.6	61.2
Private truck.....	14.1	10.7	20.6	4.4	4.9	7.8	5.4	1.2
Air.....	1.4	1.0	.9	3.2	3.5	2.9	2.9	5.0
Water.....	-	-	-	.1	.3	.2	.2	.4
Other.....	14.2	11.2	11.0	27.5	17.3	12.1	15.4	25.3
Unknown.....	.3	.6	-	.4	.3	.8	-	.2
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	21.0	25.6	24.6	3.8	1.8	2.8	2.1	.2
100 to 199 miles.....	11.4	16.0	10.5	5.1	2.9	4.8	2.9	.8
200 to 299 miles.....	6.6	3.7	6.3	12.5	2.6	1.5	3.1	3.2
300 to 399 miles.....	3.1	2.1	3.3	4.3	1.7	1.3	2.2	1.6
400 to 499 miles.....	10.3	12.1	8.7	11.2	7.6	9.9	7.6	5.1
500 to 999 miles.....	29.5	23.9	36.5	22.9	31.9	28.6	46.8	16.4
1,000 miles and over.....	18.1	16.6	10.1	40.2	51.5	51.1	35.3	72.7

Table 8. SHIPPER CLASS 052--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Women's, Misses', Girls', and Infants' Clothing

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	8.9	4.7	25.5	17.4
Highway facilities	97.9	99.6	92.4	79.7
Rail and highway facilities	8.8	4.7	25.5	13.1
Air facilities	75.4	78.6	62.1	79.5
Rail, highway, and air facilities	6.3	4.7	12.8	13.1
Water facilities	41.2	42.8	35.8	24.1
Rail, highway, air, and water facilities	1.3	-	6.6	5.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 16.2 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 053--Percent Distribution of Distance, by Means of Transport: 1967

Knitted Clothing

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	1,046	100.0	9.7	67.8	16.9	0.6	-	4.7	0.3
Under 50 miles	285	100.0	22.1	44.9	32.0	-	-	.4	.6
50 to 99 miles	52	100.0	.2	55.3	41.2	-	-	3.2	.1
100 to 199 miles	144	100.0	.3	69.1	29.7	-	-	.9	-
200 to 299 miles	79	100.0	4.6	83.3	9.9	.1	-	2.0	.1
300 to 399 miles	65	100.0	5.8	87.0	3.1	1.0	-	2.8	.3
400 to 499 miles	72	100.0	5.7	82.7	6.4	1.2	-	3.2	.8
500 to 599 miles	57	100.0	4.5	81.6	8.8	1.3	-	3.7	.1
600 to 799 miles	126	100.0	5.8	91.0	.4	.9	-	1.9	-
800 to 999 miles	61	100.0	4.9	90.9	.5	.5	-	3.2	-
1,000 to 1,199 miles	52	100.0	11.0	33.3	.2	.3	-	55.2	-
1,200 to 1,499 miles	9	100.0	10.5	83.0	-	.2	-	6.3	-
1,500 to 1,999 miles	13	100.0	30.7	49.1	2.7	1.4	-	15.9	.2
2,000 miles and over	31	100.0	9.7	75.6	2.1	5.2	0.5	6.9	-
TON-MILES	(millions of ton-miles)								
Total	437	100.0	8.0	75.4	4.4	1.5	.1	10.5	.1
Under 50 miles	7	100.0	20.1	44.7	33.6	-	-	.5	1.1
50 to 99 miles	4	100.0	.2	59.2	36.9	-	-	3.6	.1
100 to 199 miles	18	100.0	.3	71.1	27.5	-	-	1.1	-
200 to 299 miles	19	100.0	4.4	82.0	11.4	.1	-	2.0	.1
300 to 399 miles	23	100.0	6.1	86.6	3.1	1.1	-	2.8	.3
400 to 499 miles	32	100.0	5.5	83.4	6.0	1.1	-	3.2	.8
500 to 599 miles	31	100.0	4.5	81.2	9.2	1.3	-	3.7	.1
600 to 799 miles	90	100.0	5.8	91.0	.4	.9	-	1.9	-
800 to 999 miles	53	100.0	4.9	90.7	.5	.6	-	3.3	-
1,000 to 1,199 miles	54	100.0	11.1	33.7	.2	.3	-	54.7	-
1,200 to 1,499 miles	13	100.0	10.4	83.2	-	.2	-	6.2	-
1,500 to 1,999 miles	23	100.0	29.3	49.5	2.8	1.4	-	16.8	.2
2,000 miles and over	70	100.0	9.3	75.4	2.0	5.6	.9	6.8	-

[1]Distance of shipments to foreign destinations are calcualted only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 053--Percent Distribution of Weight, by Means of Transport: 1967

Knitted Clothing

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	957	100.0	10.6	71.2	12.1	6.1
Under 1,000 pounds	401	100.0	5.8	84.0	3.0	7.2
Under 50 pounds	27	100.0	5.8	54.4	1.0	38.8
50 to 99 pounds	39	100.0	11.4	71.9	2.5	14.2
100 to 199 pounds	81	100.0	5.3	87.8	1.4	5.5
200 to 499 pounds	136	100.0	4.5	90.9	2.0	2.6
500 to 999 pounds	118	100.0	5.9	83.9	5.9	4.3
1,000 to 9,999 pounds	283	100.0	3.6	62.9	23.5	10.0
1,000 to 1,999 pounds	93	100.0	4.8	68.3	17.0	9.9
2,000 to 2,999 pounds	69	100.0	2.8	48.6	39.0	9.6
3,000 to 3,999 pounds	38	100.0	9.9	49.2	8.1	32.8
4,000 to 4,999 pounds	10	100.0	-	69.5	30.5	-
5,000 to 9,999 pounds	73	100.0	.2	75.7	23.9	.2
10,000 to 29,999 pounds	190	100.0	35.2	45.1	19.7	-
10,000 to 19,999 pounds	166	100.0	38.6	40.5	20.9	-
20,000 to 29,999 pounds	24	100.0	10.8	78.0	11.2	-
30,000 pounds and over	83	100.0	1.1	97.9	-	1.0
TON-MILES	(millions of ton-miles)					
Total	428	100.0	8.2	75.2	4.1	12.5
Under 1,000 pounds	254	100.0	8.1	80.5	1.7	9.7
Under 50 pounds	22	100.0	6.5	57.4	.7	35.4
50 to 99 pounds	30	100.0	13.2	68.0	1.6	17.2
100 to 199 pounds	55	100.0	8.1	84.7	1.0	6.2
200 to 499 pounds	78	100.0	7.8	87.9	1.4	2.9
500 to 999 pounds	69	100.0	6.9	81.4	2.9	8.8
1,000 to 9,999 pounds	123	100.0	5.8	65.6	6.3	22.3
1,000 to 1,999 pounds	40	100.0	6.6	71.3	3.1	19.0
2,000 to 2,999 pounds	26	100.0	3.1	63.6	7.3	26.0
3,000 to 3,999 pounds	25	100.0	14.1	32.4	3.4	50.1
4,000 to 4,999 pounds	5	100.0	-	81.1	18.9	-
5,000 to 9,999 pounds	27	100.0	.6	87.5	10.7	1.2
10,000 to 29,999 pounds	44	100.0	13.3	74.3	12.4	-
10,000 to 19,999 pounds	29	100.0	6.1	77.6	16.3	-
20,000 to 29,999 pounds	15	100.0	27.1	68.1	4.8	-
30,000 pounds and over	7	100.0	18.8	59.0	-	22.2

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 053--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Knitted Clothing

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	957	100.0	10.6	71.2	12.1	6.1
Under 200 miles	398	100.0	16.0	58.9	23.7	1.4
Under 1,000 pounds	79	100.0	.6	86.8	7.5	5.1
1,000 to 9,999 pounds	115	100.0	-	49.1	49.4	1.5
10,000 to 29,999 pounds	126	100.0	50.1	24.7	25.2	-
30,000 pounds and over	78	100.0	-	100.0	-	-
200 to 399 miles	143	100.0	5.2	84.8	6.9	3.1
Under 1,000 pounds	80	100.0	6.3	84.9	3.6	5.2
1,000 to 9,999 pounds	42	100.0	3.1	85.6	10.5	.8
10,000 pounds and over	21	100.0	5.2	82.4	12.4	-
400 to 599 miles	127	100.0	5.0	82.2	7.6	5.2
Under 1,000 pounds	77	100.0	4.8	84.3	2.4	8.5
1,000 to 9,999 pounds	34	100.0	7.6	78.6	13.8	-
10,000 pounds and over	16	100.0	-	80.3	19.7	-
600 to 999 miles	184	100.0	5.6	90.8	.4	3.2
Under 1,000 pounds	105	100.0	6.4	87.9	.5	5.2
1,000 to 9,999 pounds	51	100.0	5.6	92.9	.6	.9
10,000 to 29,999 pounds	25	100.0	2.5	97.5	-	-
30,000 pounds and over	3	100.0	-	100.0	-	-
1,000 miles and over	105	100.0	13.0	52.0	1.1	3.9
Under 1,000 pounds	61	100.0	12.2	71.7	1.5	14.6
1,000 to 9,999 pounds	41	100.0	8.5	27.6	.4	63.5
10,000 to 29,999 pounds	2	100.0	100.0	-	-	-
30,000 pounds and over	1	100.0	50.7	-	-	49.3
	(millions of ton-miles)					
TON-MILES						
Total[1]	428	100.0	8.2	75.2	4.1	12.5
Under 200 miles	24	100.0	6.0	63.1	29.1	1.8
Under 1,000 pounds	6	100.0	.8	89.4	4.0	5.8
1,000 to 9,999 pounds	8	100.0	-	56.4	42.6	1.0
10,000 to 29,999 pounds	8	100.0	17.1	40.7	42.2	-
30,000 pounds and over	2	100.0	-	100.0	-	-
200 to 399 miles	42	100.0	5.4	84.2	7.0	3.4
Under 1,000 pounds	24	100.0	6.5	84.9	3.4	5.2
1,000 to 9,999 pounds	12	100.0	2.5	84.9	11.6	1.0
10,000 pounds and over	6	100.0	6.8	80.5	12.7	-
400 to 599 miles	62	100.0	4.8	82.3	7.7	5.2
Under 1,000 pounds	38	100.0	4.9	84.2	2.4	8.5
1,000 to 9,999 pounds	17	100.0	6.6	78.3	15.1	-
10,000 pounds and over	7	100.0	-	82.1	17.9	-
600 to 999 miles	140	100.0	5.6	90.8	.4	3.2
Under 1,000 pounds	79	100.0	6.6	87.7	.5	5.2
1,000 to 9,999 pounds	39	100.0	5.3	93.1	.6	1.0
10,000 to 29,999 pounds	19	100.0	2.4	97.6	-	-
30,000 pounds and over	3	100.0	-	100.0	-	-
1,000 miles and over	160	100.0	12.8	58.4	1.3	27.5
Under 1,000 pounds	107	100.0	11.2	72.5	1.7	14.6
1,000 to 9,999 pounds	47	100.0	7.8	34.3	.7	57.2
10,000 to 29,999 pounds	3	100.0	100.0	-	-	-
30,000 pounds and over	3	100.0	45.9	-	-	54.1

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 053--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Knitted Clothing

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,046	100.0	9.7	67.8	16.9	0.6	-	4.7	0.3
Middle Atlantic	603	100.0	14.7	62.5	21.3	.5	-	.9	.1
South Atlantic	273	100.0	2.1	82.7	9.7	.8	-	3.9	.8
East South Central	61	100.0	4.0	58.4	34.7	-	-	2.8	.1
Balance of United States[1]	109	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	437	100.0	8.0	75.4	4.4	1.5	0.1	10.5	.1
Middle Atlantic	174	100.0	12.8	79.3	4.1	2.0	.2	1.5	.1
South Atlantic	161	100.0	3.3	84.3	5.7	1.1	-	5.4	.2
East South Central	33	100.0	9.3	72.9	8.5	-	-	9.1	.2
Balance of United States[1]	69	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 053--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Knitted Clothing

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,046	1,046	70	515	189	50	106	54	17	10	35
Ton-miles.....millions..	437	437	41	69	112	46	40	18	17	17	77
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,046	100.0	6.7	49.1	18.1	4.8	10.1	5.1	1.7	1.0	3.4
Shipments from--											
Middle Atlantic	603	100.0	1.7	67.2	14.5	5.2	6.3	1.9	.6	.4	2.2
South Atlantic	273	100.0	17.1	20.5	19.7	4.2	20.8	7.7	3.7	1.2	5.1
East South Central	61	100.0	3.9	15.2	13.7	8.7	10.0	34.1	3.9	3.6	6.9
Balance of U.S.[2]	109	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	437	100.0	9.4	15.7	25.6	10.6	9.3	4.1	3.9	3.9	17.5
Shipments from--											
Middle Atlantic	174	100.0	1.3	13.6	25.3	17.9	13.5	4.8	3.0	2.4	18.2
South Atlantic	161	100.0	22.1	16.6	16.4	5.7	6.8	4.8	5.7	3.4	18.5
East South Central	33	100.0	6.1	19.5	11.8	12.6	6.2	4.1	4.8	10.2	24.7
Balance of U.S.[2]	69	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 053--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Knitted Clothing

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,046	100.0	9.7	67.8	16.9	0.6	-	4.7	0.3
Middle Atlantic, total	603	100.0	14.7	62.5	21.3	.5	-	.9	.1
Shipments to--									
New England	10	100.0	9.6	85.1	-	.4	-	4.8	.1
Middle Atlantic	406	100.0	15.7	53.4	30.4	-	-	.5	-
East North Central	87	100.0	10.9	79.5	6.2	1.7	-	1.2	.5
South Atlantic	38	100.0	19.0	79.3	-	.5	-	1.2	-
Pacific	13	100.0	11.1	78.3	-	7.9	0.6	2.1	-
South Atlantic, total	273	100.0	2.1	82.7	9.7	.8	-	3.9	.8
Shipments to--									
New England	47	100.0	.2	97.8	.1	.2	-	1.7	-
Middle Atlantic	56	100.0	.6	75.9	18.2	.5	-	4.2	.6
East North Central	54	100.0	2.8	90.0	1.4	1.6	-	4.1	.1
West North Central	11	100.0	2.1	85.5	.9	2.8	-	8.7	-
South Atlantic	57	100.0	.8	79.7	13.6	.2	-	2.5	3.2
East South Central	21	100.0	2.4	59.4	34.1	.8	-	3.3	-
Pacific	14	100.0	11.0	74.0	2.9	1.8	-	10.3	-
TON-MILES	(millions of ton-miles)								
U.S. total	437	100.0	8.0	75.4	4.4	1.5	.1	10.5	.1
Middle Atlantic, total	174	100.0	12.8	79.3	4.1	2.0	.2	1.5	.1
Shipments to--									
New England	2	100.0	11.6	83.2	-	.6	-	4.5	.1
Middle Atlantic	24	100.0	6.2	64.9	28.1	-	-	.8	-
East North Central	44	100.0	12.8	82.6	1.0	1.8	-	1.3	.5
South Atlantic	23	100.0	23.1	75.8	-	.2	-	.9	-
Pacific	32	100.0	10.8	78.1	-	7.8	1.2	2.1	-
South Atlantic, total	161	100.0	3.3	84.3	5.7	1.1	-	5.4	.2
Shipments to--									
New England	36	100.0	.2	98.1	.1	.1	-	1.5	-
Middle Atlantic	27	100.0	.6	75.9	18.1	.5	-	4.4	.5
East North Central	27	100.0	2.3	90.5	1.1	1.6	-	4.4	.1
West North Central	9	100.0	2.4	83.8	.9	3.2	-	9.7	-
South Atlantic	11	100.0	1.8	84.8	8.4	.5	-	3.8	.7
East South Central	8	100.0	3.7	66.2	25.6	1.0	-	3.5	-
Pacific	30	100.0	10.5	74.2	2.9	1.8	-	10.6	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 053--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Knitted Clothing

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,046	50	872	124	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	437	29	330	78
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	9.7	2.1	11.2	2.7	8.0	2.6	9.3	4.8
Motor carrier.....	67.8	74.7	66.1	76.3	75.4	87.7	74.9	72.3
Private truck.....	16.9	11.4	18.2	10.0	4.4	.4	4.4	5.8
Air.....	.6	.6	.5	1.3	1.5	2.1	1.4	1.8
Water.....	-	-	-	-	.1	-	.2	.2
Other.....	4.7	7.4	3.9	9.5	10.5	6.8	9.7	15.0
Unknown.....	.3	3.8	.1	.2	.1	.4	.1	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	32.2	27.1	35.6	11.5	2.5	1.7	2.8	1.2
100 to 199 miles.....	13.7	6.1	15.0	7.7	4.1	1.7	4.8	1.8
200 to 299 miles.....	7.6	2.0	8.0	6.7	4.4	.9	5.1	2.8
300 to 399 miles.....	6.2	9.7	5.1	12.5	5.2	5.5	4.8	6.9
400 to 499 miles.....	6.9	17.8	5.0	15.3	7.4	14.1	5.9	11.1
500 to 999 miles.....	23.3	23.8	21.8	33.9	39.8	27.4	41.1	39.2
1,000 miles and over.....	10.1	13.5	9.5	12.4	36.6	48.7	35.5	37.0

Table 8. SHIPPER CLASS 053--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Knitted Clothing

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	25.9	17.6	32.7	37.6
Highway facilities	90.9	100.0	83.1	83.3
Rail and highway facilities	16.8	17.6	15.8	20.9
Air facilities	63.7	64.8	63.4	54.0
Rail, highway, and air facilities	8.5	-	15.8	16.7
Water facilities	8.8	8.8	8.8	8.4
Rail, highway, air, and water facilities	1.0	-	1.6	4.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 16.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 054--Percent Distribution of Distance, by Means of Transport: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,849	100.0	17.3	60.2	19.5	0.7	0.1	2.1	0.1
Under 50 miles	142	100.0	19.6	45.9	32.5	-	-	1.3	.7
50 to 99 miles	239	100.0	4.2	35.4	59.6	-	-	.8	-
100 to 199 miles	239	100.0	5.0	60.3	32.8	.2	-	1.7	-
200 to 299 miles	169	100.0	8.3	86.6	2.8	.5	-	1.8	-
300 to 399 miles	159	100.0	8.8	70.0	19.5	.2	-	1.5	-
400 to 499 miles	161	100.0	26.8	67.0	3.2	.6	-	2.4	-
500 to 599 miles	159	100.0	21.5	63.1	11.8	1.7	-	1.9	-
600 to 799 miles	244	100.0	23.8	65.2	7.4	.8	-	2.8	-
800 to 999 miles	91	100.0	8.6	83.5	1.7	1.1	-	5.0	.1
1,000 to 1,199 miles	92	100.0	50.1	44.6	2.4	.6	-	2.3	-
1,200 to 1,499 miles	22	100.0	1.1	89.1	.1	-	-	9.7	-
1,500 to 1,999 miles	37	100.0	36.6	30.5	26.4	1.9	-	4.6	-
2,000 miles and over	95	100.0	41.5	47.6	2.9	4.6	1.2	2.2	-
TON-MILES	(millions of ton-miles)								
Total	966	100.0	26.3	60.2	8.4	1.8	.4	2.9	-
Under 50 miles	966	100.0	19.9	42.6	35.2	-	-	1.2	1.1
50 to 99 miles	16	100.0	4.5	42.9	51.8	-	-	.8	-
100 to 199 miles	33	100.0	4.8	62.3	30.9	.1	-	1.9	-
200 to 299 miles	41	100.0	8.5	86.4	2.8	.5	-	1.8	-
300 to 399 miles	55	100.0	8.8	70.3	19.2	.2	-	1.5	-
400 to 499 miles	74	100.0	27.3	66.9	3.0	.6	-	2.2	-
500 to 599 miles	88	100.0	21.5	62.7	12.1	1.7	-	2.0	-
600 to 799 miles	168	100.0	24.0	65.5	6.8	.8	-	2.9	-
800 to 999 miles	81	100.0	8.8	83.5	1.5	1.1	-	5.0	.1
1,000 to 1,199 miles	99	100.0	49.8	44.7	2.5	.6	-	2.4	-
1,200 to 1,499 miles	30	100.0	1.0	89.2	.1	.1	-	9.6	-
1,500 to 1,999 miles	63	100.0	38.4	30.3	24.4	2.1	-	4.8	-
2,000 miles and over	214	100.0	38.5	50.0	2.7	4.9	1.7	2.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 054--Percent Distribution of Weight, by Means of Transport: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,549	100.0	17.5	66.2	13.1	3.2
Under 1,000 pounds	513	100.0	3.3	83.2	5.3	8.2
Under 50 pounds	49	100.0	3.0	46.6	1.9	48.5
50 to 99 pounds	58	100.0	3.3	83.3	4.4	9.0
100 to 199 pounds	100	100.0	3.0	82.7	9.5	4.8
200 to 499 pounds	168	100.0	2.5	89.5	4.6	3.4
500 to 999 pounds	138	100.0	4.5	88.7	4.6	2.2
1,000 to 9,999 pounds	396	100.0	3.9	84.5	10.2	1.4
1,000 to 1,999 pounds	123	100.0	4.4	88.0	5.3	2.3
2,000 to 2,999 pounds	64	100.0	12.4	80.7	6.7	.2
3,000 to 3,999 pounds	44	100.0	3.2	83.9	10.7	2.2
4,000 to 4,999 pounds	31	100.0	.4	80.6	18.6	.4
5,000 to 9,999 pounds	134	100.0	.4	84.3	14.2	1.1
10,000 to 29,999 pounds	249	100.0	13.7	58.4	27.8	.1
10,000 to 19,999 pounds	146	100.0	3.7	70.0	26.1	.2
20,000 to 29,999 pounds	103	100.0	27.9	42.0	30.1	-
30,000 to 59,999 pounds	214	100.0	27.4	41.5	31.1	-
30,000 to 39,999 pounds	97	100.0	31.2	56.9	11.9	-
40,000 to 49,999 pounds	93	100.0	13.3	27.4	59.3	-
50,000 to 59,999 pounds	24	100.0	66.5	33.5	-	-
60,000 to 89,999 pounds	154	100.0	80.7	19.3	-	-
60,000 to 69,999 pounds	52	100.0	97.2	2.8	-	-
70,000 to 79,999 pounds	25	100.0	93.8	6.2	-	-
80,000 to 89,999 pounds	77	100.0	65.3	34.7	-	-
90,000 pounds and over	23	100.0	95.1	4.9	-	-
TON-MILES	(millions of ton-miles)					
Total	828	100.0	25.1	62.5	7.4	5.0
Under 1,000 pounds	315	100.0	5.2	79.6	3.9	11.3
Under 50 pounds	32	100.0	4.8	43.3	2.0	49.9
50 to 99 pounds	38	100.0	4.4	83.3	1.4	10.9
100 to 199 pounds	65	100.0	4.7	77.4	10.0	7.9
200 to 499 pounds	106	100.0	6.3	85.1	3.2	5.4
500 to 999 pounds	74	100.0	4.7	87.3	1.7	6.3
1,000 to 9,999 pounds	179	100.0	6.6	82.7	7.6	3.1
1,000 to 1,999 pounds	65	100.0	6.1	84.6	2.8	6.5
2,000 to 2,999 pounds	33	100.0	18.1	77.7	4.0	.2
3,000 to 3,999 pounds	15	100.0	10.1	82.8	6.8	.3
4,000 to 4,999 pounds	13	100.0	.4	84.3	14.8	.5
5,000 to 9,999 pounds	53	100.0	.5	83.1	14.3	2.1
10,000 to 29,999 pounds	101	100.0	18.1	63.1	18.7	.1
10,000 to 19,999 pounds	64	100.0	5.1	79.0	15.8	.1
20,000 to 29,999 pounds	37	100.0	41.0	35.4	23.6	-
30,000 to 59,999 pounds	122	100.0	51.8	34.8	13.4	-
30,000 to 39,999 pounds	53	100.0	43.0	49.9	7.1	-
40,000 to 49,999 pounds	34	100.0	20.1	43.1	36.8	-
50,000 to 59,999 pounds	35	100.0	95.5	4.5	-	-
60,000 to 89,999 pounds	72	100.0	85.3	14.7	-	-
60,000 to 69,999 pounds	35	100.0	90.3	9.7	-	-
70,000 to 79,999 pounds	16	100.0	77.5	22.5	-	-
80,000 to 89,999 pounds	21	100.0	83.3	16.7	-	-
90,000 pounds and over	39	100.0	93.6	6.4	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 054--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,549	100.0	17.5	66.2	13.1	3.2
Under 200 miles	460	100.0	10.8	61.2	26.2	1.8
Under 1,000 pounds	128	100.0	1.5	83.0	9.7	5.8
1,000 to 9,999 pounds	123	100.0	.9	79.6	18.7	.8
10,000 to 29,999 pounds	86	100.0	12.1	38.1	49.8	-
30,000 to 59,999 pounds	65	100.0	7.1	27.7	65.2	-
60,000 pounds and over	58	100.0	54.5	45.5	-	-
200 to 399 miles	292	100.0	9.6	77.1	11.4	1.9
Under 1,000 pounds	82	100.0	.7	90.2	3.0	6.1
1,000 to 9,999 pounds	91	100.0	2.6	93.3	4.0	.1
10,000 to 29,999 pounds	67	100.0	7.1	68.8	23.6	.5
30,000 to 59,999 pounds	40	100.0	21.7	49.3	29.0	-
60,000 pounds and over	12	100.0	100.0	-	-	-
400 to 599 miles	303	100.0	22.8	66.4	7.7	3.1
Under 1,000 pounds	98	100.0	1.7	87.9	3.5	6.9
1,000 to 9,999 pounds	90	100.0	.5	84.8	12.1	2.6
10,000 to 29,999 pounds	40	100.0	19.3	57.6	23.1	-
30,000 to 59,999 pounds	29	100.0	44.7	55.3	-	-
60,000 to 89,999 pounds	41	100.0	100.0	-	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-
600 to 999 miles	306	100.0	18.3	71.2	6.2	4.3
Under 1,000 pounds	125	100.0	5.6	79.6	4.4	10.4
1,000 to 9,999 pounds	61	100.0	15.0	84.3	.2	.5
10,000 to 29,999 pounds	43	100.0	19.9	79.1	1.0	-
30,000 to 59,999 pounds	51	100.0	10.3	64.5	25.2	-
60,000 pounds and over	26	100.0	100.0	-	-	-
1,000 miles and over	188	100.0	36.1	53.6	3.9	6.4
Under 1,000 pounds	79	100.0	7.0	75.8	4.3	12.9
1,000 to 9,999 pounds	31	100.0	7.2	78.0	8.6	6.2
10,000 to 29,999 pounds	14	100.0	19.3	71.7	9.0	-
30,000 to 59,999 pounds	30	100.0	92.0	7.6	.4	-
60,000 to 89,999 pounds	16	100.0	81.2	18.8	-	-
90,000 pounds and over	18	100.0	93.9	6.1	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	828	100.0	25.1	62.5	7.4	5.0
Under 200 miles	45	100.0	6.8	63.1	28.4	1.7
Under 1,000 pounds	11	100.0	2.0	86.6	5.2	6.2
1,000 to 9,999 pounds	13	100.0	1.1	82.7	15.9	.3
10,000 to 29,999 pounds	10	100.0	12.4	29.9	57.7	-
30,000 to 59,999 pounds	7	100.0	4.9	25.7	69.4	-
60,000 pounds and over	4	100.0	25.7	74.3	-	-
200 to 399 miles	86	100.0	9.7	75.8	12.6	1.9
Under 1,000 pounds	25	100.0	.6	90.7	2.7	6.0
1,000 to 9,999 pounds	26	100.0	2.1	94.0	3.8	.1
10,000 to 29,999 pounds	21	100.0	6.8	66.3	26.5	.4
30,000 to 59,999 pounds	11	100.0	27.1	39.6	33.3	-
60,000 pounds and over	3	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 054--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	153	100.0	22.4	66.3	8.3	3.0
Under 1,000 pounds	49	100.0	1.6	88.1	3.3	7.0
1,000 to 9,999 pounds	46	100.0	.6	84.0	12.8	2.6
10,000 to 29,999 pounds	21	100.0	20.0	55.1	24.9	-
30,000 to 59,999 pounds	15	100.0	44.7	55.3	-	-
60,000 to 89,999 pounds	20	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
600 to 999 miles	227	100.0	17.6	72.4	5.5	4.5
Under 1,000 pounds	97	100.0	5.6	79.6	4.2	10.6
1,000 to 9,999 pounds	47	100.0	15.0	84.4	.1	.5
10,000 to 29,999 pounds	31	100.0	20.7	78.3	1.0	-
30,000 to 59,999 pounds	35	100.0	10.5	66.9	22.6	-
60,000 pounds and over	17	100.0	100.0	-	-	-
1,000 miles and over	317	100.0	38.5	50.1	3.9	7.5
Under 1,000 pounds	133	100.0	7.4	73.6	4.1	14.9
1,000 to 9,999 pounds	47	100.0	8.1	73.5	9.8	8.6
10,000 to 29,999 pounds	19	100.0	27.5	60.3	12.2	-
30,000 to 59,999 pounds	55	100.0	90.7	9.0	.3	-
60,000 to 89,999 pounds	26	100.0	72.8	27.2	-	-
90,000 pounds and over	37	100.0	93.3	6.7	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 054--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,849	100.0	17.3	60.2	19.5	0.7	0.1	2.1	0.1
New England	70	100.0	22.9	72.6	-	.8	-	3.7	-
Middle Atlantic	475	100.0	5.3	61.1	30.3	.3	-	3.0	-
East North Central	301	100.0	65.1	21.6	9.3	.9	-	3.1	-
South Atlantic	230	100.0	1.0	90.7	5.4	.9	.1	1.9	-
East South Central	400	100.0	7.3	50.4	40.0	.5	-	1.6	.2
Balance of United States[1]	373	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	966	100.0	26.3	60.2	8.4	1.8	.4	2.9	-
New England	64	100.0	53.5	42.6	-	1.0	-	2.9	-
Middle Atlantic	230	100.0	9.0	83.0	3.1	.6	.3	4.0	-
East North Central	160	100.0	75.1	10.9	9.3	1.3	-	3.4	-
South Atlantic	139	100.0	2.2	86.4	7.4	1.3	.5	2.2	-
East South Central	157	100.0	11.1	56.6	28.3	.8	-	3.2	-
Balance of United States[1]	216	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 054--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,849	1,849	65	373	330	115	265	194	185	142	180
Ton-miles.....millions..	966	966	22	119	129	72	121	47	91	148	217
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,849	100.0	3.5	20.3	17.8	6.2	14.3	10.5	10.0	7.7	9.7
Shipments from--											
New England	70	100.0	16.9	21.8	20.2	3.6	7.9	2.2	1.9	23.6	1.9
Middle Atlantic	475	100.0	7.5	45.1	14.4	4.7	15.7	1.8	2.5	.9	7.4
East North Central	301	100.0	.5	14.0	38.0	9.4	10.5	7.1	4.5	10.5	5.5
South Atlantic	230	100.0	3.7	23.8	22.8	4.9	23.9	7.1	7.0	1.5	5.3
East South Central	400	100.0	1.1	6.0	17.1	9.6	10.7	26.9	24.2	3.1	1.3
Balance of U.S.[2]	373	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	966	100.0	2.3	12.3	13.4	7.5	12.6	4.8	9.4	15.3	22.4
Shipments from--											
New England	64	100.0	1.1	6.0	16.6	4.5	5.7	2.6	3.3	54.9	5.3
Middle Atlantic	230	100.0	2.8	6.8	17.4	9.1	14.1	2.7	6.7	3.4	37.0
East North Central	160	100.0	.8	13.9	8.9	8.7	12.5	6.7	6.9	21.1	20.5
South Atlantic	139	100.0	3.7	18.5	21.6	7.0	9.9	4.3	12.2	3.8	19.0
East South Central	157	100.0	3.2	13.3	17.0	8.5	12.5	10.1	18.1	11.1	6.2
Balance of U.S.[2]	216	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 054--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON OF SHIPMENTS	(thousands of tons)								
U.S. total	1,849	100.0	17.3	60.2	19.5	0.7	0.1	2.1	0.1
Middle Atlantic, total	475	100.0	5.3	61.1	30.3	.3	-	3.0	-
Shipments to--									
New England	36	100.0	.6	95.7	-	-	-	3.7	-
Middle Atlantic	214	100.0	1.1	30.0	67.1	-	-	1.8	-
East North Central	69	100.0	9.0	85.0	-	1.1	-	4.9	-
South Atlantic	74	100.0	15.1	82.2	-	.1	-	2.6	-
East North Central, total	301	100.0	65.1	21.6	9.3	.9	-	3.1	-
Shipments to--									
East North Central	114	100.0	50.9	37.8	8.8	.4	-	2.1	-
South Atlantic, total	230	100.0	1.0	90.7	5.4	.9	.1	1.9	-
Shipments to--									
Middle Atlantic	55	100.0	-	88.4	9.2	1.0	-	1.4	-
East North Central	53	100.0	.1	94.7	2.9	1.1	-	1.2	-
South Atlantic	55	100.0	-	92.4	4.2	1.4	-	1.9	.1
West South Central	16	100.0	4.6	91.7	.3	.2	-	3.2	-
TON-MILES	(millions of ton-miles)								
U.S. total	966	100.0	26.3	60.2	8.4	1.8	.4	2.9	-
Middle Atlantic, total	230	100.0	9.0	83.0	3.1	.6	.3	4.0	-
Shipments to--									
New England	6	100.0	.6	95.8	-	-	-	3.6	-
Middle Atlantic	16	100.0	1.9	50.5	44.5	.1	-	3.0	-
East North Central	40	100.0	10.1	83.8	-	1.3	-	4.8	-
South Atlantic	32	100.0	22.2	74.6	-	.2	-	3.0	-
East North Central, total	160	100.0	75.1	10.9	9.3	1.3	-	3.4	-
Shipments to--									
East North Central	14	100.0	39.3	42.9	14.4	.8	-	2.6	-
South Atlantic, total	139	100.0	2.2	86.4	7.4	1.3	.5	2.2	-
Shipments to--									
Middle Atlantic	26	100.0	-	86.9	10.3	1.3	-	1.5	-
East North Central	30	100.0	.1	95.1	2.5	1.1	-	1.2	-
South Atlantic	14	100.0	-	91.8	2.9	3.1	-	2.2	-
West South Central	17	100.0	3.8	92.9	.3	.1	-	2.9	-

Note: Only divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 054--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,849	429	1,076	344	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	966	197	579	190
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	17.3	.5	15.8	43.3	26.3	1.1	30.0	41.4
Motor carrier.....	60.2	57.7	65.4	46.8	60.2	79.2	58.2	47.0
Private truck.....	19.5	37.1	16.5	6.8	8.4	8.4	8.7	7.5
Air.....	.7	1.2	.4	1.1	1.8	5.3	.6	1.5
Water.....	.1	-	.1	-	.4	.3	.5	-
Other.....	2.1	3.5	1.7	2.0	2.9	5.7	2.0	2.6
Unknown.....	.1	-	.1	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	20.6	43.8	11.9	18.5	2.1	4.4	1.5	1.4
100 to 199 miles.....	12.9	6.4	17.2	7.6	3.4	2.1	4.4	1.8
200 to 299 miles.....	9.1	8.8	8.9	10.2	4.2	4.4	4.0	4.6
300 to 399 miles.....	8.6	5.2	11.0	5.3	5.7	3.8	7.1	3.3
400 to 499 miles.....	8.7	5.5	7.9	15.5	7.7	5.4	6.8	12.9
500 to 999 miles.....	26.8	18.6	29.5	28.3	34.9	29.2	37.2	33.7
1,000 miles and over.....	13.3	11.7	13.6	14.6	42.0	50.7	39.0	42.3

Table 8. SHIPPER CLASS 054--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Millinery, Fur Goods, and Miscellaneous Fabricated Textile Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	20.8	14.0	51.3	43.1
Highway facilities.....	92.0	92.8	89.1	73.7
Rail and highway facilities.....	17.4	10.5	50.0	16.8
Air facilities.....	86.9	89.5	76.2	58.9
Rail, highway, and air facilities.....	15.6	10.5	39.7	16.8
Water facilities.....	24.9	25.3	23.1	26.3
Rail, highway, air, and water facilities.	1.9	-	10.9	-

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.8 percent reported they did not have any of the above transportation facilities available.

Shipper Group 6

Paper and Allied Products

061 Pulp and paper, except building paper
062 Building paper and boards, except insulating board
063 Converted paper and paperboard products, except containers and boxes
064 Containers and boxes and similar products

SAMPLE SIZE

The sample for this shipper group consisted of 877 establishments, of which 785 were in scope and provided data from 96,667 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (92 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 06 and their related SIC industries are as follows:

Shipper Class 061.--Pulp and paper, except building paper
- SIC 2611.--Pulp mills
- SIC 2621.--Paper mills, except building paper mills

Shipper Class 062.--Building paper and boards, except insulating board
- SIC 2631.--Paperboard mills
- SIC 2661.--Building paper and building board mills

Shipper Class 063.--Converted paper and paperboard products, except containers and boxes
- SIC 2641.--Paper coating and glazing
- SIC 2642.--Envelopes
- SIC 2643.--Bags, except textile bags
- SIC 2644.--Wallpaper
- SIC 2645.--Die cut paper and paperboard; and cardboard
- SIC 2646.--Pressed and molded pulp goods
- SIC 2647.--Sanitary paper products
- SIC 2649.--Converted paper and paperboard products, n.e.c.

Shipper Class 064.--Containers and boxes and similar products
- SIC 2651.--Folding paperboard boxes
- SIC 2652.--Set-up paperboard boxes
- SIC 2653.--Corrugated and solid fiber boxes
- SIC 2654.--Sanitary food containers
- SIC 2655.--Fiber cans, tubes, drums, and similar products

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
061–Pulp and paper, except building paper	2611,2621 (part)	2611,2621
062–Building paper and boards, except insulating board	2631,2661	2631,2661
063–Converted paper and paperboard products, except containers and boxes	2621 (part), 2642,2643, 2644,2645,2646,2647, 2649	2641,2642,2643,2644, 2645,2646,2647,2649
064–Containers and boxes and similar products	2651,2654,2655	2651,2652,2653,2654, 2655

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 80 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 06	71,677	100.0	79.5	20.5
Class 061	25,370	100.0	81.2	18.8
Class 062	18,951	100.0	83.9	16.1
Class 063	13,085	100.0	59.8	40.2
Class 064	14,271	100.0	88.7	11.3

SUMMARY OF FINDINGS

GENERAL—Manufacturing plants in the Paper and Allied Products Shipper Group shipped (beyond the local area) about 71,677,000 tons of commodities during 1967. Those shipments generated about 35 billion ton-miles by all means of transport combined, averaging about 488 straight-line miles per ton shipped.

As shown in table A, the Pulp and Paper Shipper Class accounted for more than one-third of the total tons in this group and the Building Paper and Boards Shipper Class shipped slightly more than one-fourth of the tons. The Containers and Boxes Shipper Class accounted for 20 percent and the Converted Paper and Paperboard Products Shipper Class accounted for 18 percent.

Rails were the dominant means of transport for the shipper group and for each of the shipper classes except Containers and Boxes. Where it was dominant, the rail share ranged from 46 to 72 percent. Private trucks were dominant in the Containers and Boxes Shipper Class with 41 percent.

When measured in terms of ton-miles, rather than tons, the rail share showed increases because of longer hauls. Of the 35 billion ton-miles, rails accounted for 27 billion, motor carriers for almost 6 billion, and private trucks and all other means of transport for about 1 billion each.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 1 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Paper and Allied Products Shipper Group and each shipper class for both years. An increase for the shipper group is indicated in the table, from 64.9 million tons in 1963 to 71.7 million tons in 1967. Shipper Classes 061 (Pulp and Paper) and 063 (Converted Paper and Paperboard Products) also show increases.

As shown in table C, the relative distribution of tons by means of transport for the two years is fairly stable for the shipper group and for Shipper Class 061 (Pulp and Paper), but shifts are indicated for the other shipper classes. For instance the private truck share of the Shipper Class 064 (Containers and Boxes) tonnage increased about 12 percent in 1967, with most of the decrease appearing in the motor carrier share. The rail share of Shipper Class 062 (Building Paper and Boards) increased about 14 percent in 1967, with most of the decrease appearing in the motor carrier share; and the rail share of Shipper Class 063 (Converted Paper and Paperboard Products) increased about 7 percent in 1967, with most of the decrease appearing in the motor carrier share.

There is a general tendency toward longer hauls in 1967 for the shipper group and for each of the shipper classes by all means of transport combined, as shown by table D. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond the local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 06: Paper and allied products...	71,677	39,737	19,828	10,818	1,294
Shipper Classes:					
061. Pulp and paper, except building paper...	25,370	18,252	5,751	750	617
062. Building paper and boards, except insulating board.....	18,951	12,974	3,300	2,292	385
063. Converted paper and paperboard products, except containers and boxes.....	13,085	5,973	5,108	1,909	95
064. Containers and boxes and similar products.....	14,271	2,538	5,669	5,867	197
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 06: Paper and allied products...	34,966	27,003	5,492	1,486	985
Shipper Classes:					
061. Pulp and paper, except building paper...	15,763	13,566	1,721	144	332
062. Building paper and boards, except insulating board.....	9,767	8,414	756	298	299
063. Converted paper and paperboard products, except containers and boxes.....	6,216	3,894	1,851	377	94
064. Containers and boxes and similar products.....	3,220	1,129	1,164	667	260

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963 (Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 06: Paper and allied products.....	71,677	64,908	65,551
Shipper classes:			
061. Pulp and paper, except building paper.....	25,370	20,595	20,596
062. Building paper and boards, except insulating board.....	18,951	23,651	23,651
063. Converted paper and paperboard products, except containers and boxes.....	13,085	7,522	8,095
064. Containers and boxes and similar products.....	14,271	13,140	13,209

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 06: Paper and allied products:					
1967	100.0	55.5	27.7	15.1	1.7
1963	100.0	49.9	33.1	13.9	3.1
Shipper Classes					
061. Pulp and paper, except building paper:					
1967	100.0	71.9	22.7	3.0	2.4
1963	100.0	68.9	22.5	3.0	5.6
062. Building paper and boards, except insulating board:					
1967	100.0	68.5	17.4	12.1	2.0
1963	100.0	54.1	28.8	14.4	2.7
063. Converted paper and paperboard products, except containers and boxes:					
1967	100.0	45.7	39.0	14.6	.7
1963	100.0	38.6	45.1	14.7	1.6
064. Containers and boxes and similar products:					
1967	100.0	17.8	39.7	41.1	1.4
1963	100.0	19.2	50.2	29.5	1.1
TON-MILES					
Shipper Group 06: Paper and allied products:					
1967	100.0	77.3	15.7	4.2	2.8
1963	100.0	70.9	20.7	4.6	3.8
Shipper Classes					
061. Pulp and paper, except building paper:					
1967	100.0	86.0	10.9	.9	2.2
1963	100.0	79.1	13.1	1.8	6.0
062. Building paper and boards, except insulating board:					
1967	100.0	86.3	7.7	3.0	3.0
1963	100.0	75.9	17.1	4.8	2.2
063. Converted paper and paperboard products, except containers and boxes:					
1967	100.0	62.5	29.8	6.1	1.6
1963	100.0	56.4	36.9	4.3	2.4
064. Containers and boxes and similar products:					
1967	100.0	35.1	36.1	20.7	8.1
1963	100.0	38.4	44.0	15.1	2.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 06: Paper and allied products:				
1967	488	680	277	137
1963	410	582	256	136
SHIPPER CLASSES				
061. Pulp and paper, except building paper:				
1967	621	743	299	192
1963	542	622	315	325
062. Building paper and boards, except insulating board:				
1967	515	649	229	130
1963	405	568	240	135
063. Converted paper and paperboard products, except containers and boxes:				
1967	475	652	362	197
1963	403	589	330	118
064. Containers and boxes and similar products:				
1967	226	445	205	114
1963	216	432	189	111

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 06: Paper and Allied Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	55.5	27.8	15.0	1.7
1963	100.0	50.5	33.8	11.9	3.8
Distance (straight-line miles)					
Under 200 miles:					
1967	100.0	23.2	41.4	33.6	1.8
1963	100.0	20.3	50.7	25.0	4.0
200 to 399 miles:					
1967	100.0	56.4	32.5	11.0	.1
1963	100.0	51.9	38.7	8.2	1.2
400 to 599 miles:					
1967	100.0	73.7	22.9	2.9	.5
1963	100.0	72.0	22.7	3.7	1.6
600 to 999 miles:					
1967	100.0	80.9	13.1	1.9	4.1
1963	100.0	76.1	14.5	1.2	8.2
1,000 miles and over:					
1967	100.0	91.0	6.9	.6	1.5
1963	100.0	87.8	8.2	.6	3.4
Weight					
Under 1,000 pounds:					
1967	100.0	2.5	79.6	15.5	2.4
1963	100.0	1.7	78.9	13.7	5.7
1,000 to 9,999 pounds:					
1967	100.0	3.6	60.2	35.4	.8
1963	100.0	2.6	66.2	30.1	1.1
10,000 to 29,999 pounds:					
1967	100.0	20.2	44.7	34.3	.8
1963	100.0	20.9	52.3	25.8	1.0
30,000 to 59,999 pounds:					
1967	100.0	40.5	40.5	18.6	.4
1963	100.0	52.2	37.2	9.7	.9
60,000 to 89,999 pounds:					
1967	100.0	90.0	7.5	2.1	.4
1963	100.0	87.9	10.5	.6	1.0
90,000 pounds and over:					
1967	100.0	89.9	4.8	1.3	4.0
1963	100.0	81.0	5.0	.2	13.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 06: Paper and Allied Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	55.5	27.7	15.1	1.7
1963	100.0	49.9	33.1	13.9	3.1
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	14.9	21.3	61.1	2.7
20 to 99 employees:					
1967	100.0	19.5	36.4	42.1	2.0
1963	100.0	17.7	51.6	28.7	2.0
100 to 499 employees:					
1967	100.0	40.5	35.5	22.9	1.1
1963	100.0	35.8	44.2	19.1	.9
500 employees and over:					
1967	100.0	75.0	19.5	3.2	2.3
1963	100.0	73.1	17.9	3.5	5.5

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 06: Paper and Allied Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	55.5	27.7	15.1	1.7
1963	100.0	49.9	33.1	13.9	3.1
New England:					
1967	100.0	51.5	30.2	16.4	1.9
1963	100.0	50.7	31.2	16.2	1.9
Middle Atlantic:					
1967	100.0	36.1	38.9	24.7	.3
1963	100.0	24.5	48.1	26.4	1.0
East North Central:					
1967	100.0	39.6	41.0	18.9	.5
1963	100.0	42.0	39.0	18.6	.4
South Atlantic:					
1967	100.0	67.8	19.1	10.1	3.0
1963	100.0	69.0	17.1	8.4	5.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 06: PAPER AND ALLIED PRODUCTS		
Total shipments	71,677	4.4
Shipments by--		
Rail	39,737	5.8
Motor carrier	19,828	4.6
Private truck	10,818	3.6
All other	1,294	-
Shipments from--		
New England Division	7,297	9.0
Middle Atlantic Division	11,211	7.6
East North Central Division	13,271	7.4
West North Central Division	2,563	17.8
South Atlantic Division	12,582	6.6
East South Central Division	7,268	16.2
West South Central Division	5,271	9.8
Mountain Division	1,265	70.6
Pacific Division	10,949	18.4
SHIPPER CLASS 061: PULP AND PAPER, EXCEPT BUILDING PAPER		
Total shipments	25,370	5.2
Shipments by--		
Rail	18,252	6.4
Motor carrier	5,751	7.0
Private truck	750	10.6
All other	617	-
Shipments from--		
New England Division	4,183	5.4
Middle Atlantic Division	4,400	11.0
East North Central Division	4,332	10.8
South Atlantic Division	3,139	3.4
East South Central Division	3,420	7.2
West South Central Division	1,367	6.6
Pacific Division	3,284	11.0
Balance of United States	1,245	-
SHIPPER CLASS 062: BUILDING PAPER AND BOARDS, EXCEPT INSULATING BOARD		
Total shipments	18,951	11.2
Shipments by--		
Rail	12,974	13.4
Motor carrier	3,300	9.0
Private truck	2,292	17.8
All other	385	-
SHIPPER CLASS 062: BUILDING PAPER AND BOARDS, EXCEPT INSULATING BOARD--Continued		
Shipments from--		
New England Division	694	31.2
Middle Atlantic Division	1,406	14.2
East North Central Division	2,009	17.8
South Atlantic Division	6,061	4.8
East South Central Division	1,081	33.8
West South Central Division	2,743	13.8
Pacific Division	4,536	43.2
Balance of United States	421	-
SHIPPER CLASS 063: CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES		
Total shipments	13,085	7.8
Shipments by--		
Rail	5,973	13.4
Motor carrier	5,108	6.8
Private truck	1,909	27.6
All other	95	-
Shipments from--		
New England Division	1,403	40.6
Middle Atlantic Division	2,880	14.2
East North Central Division	2,822	15.0
West North Central Division	468	32.8
South Atlantic Division	1,689	42.6
East South Central Division	1,537	47.4
West South Central Division	530	33.6
Pacific Division	1,637	18.2
Balance of United States	119	-
SHIPPER CLASS 064: CONTAINERS AND BOXES AND SIMILAR PRODUCTS		
Total shipments	14,271	11.2
Shipments by--		
Rail	2,538	17.0
Motor carrier	5,669	12.6
Private truck	5,867	15.2
All other	197	-
Shipments from--		
New England Division	1,016	45.4
Middle Atlantic Division	2,526	18.0
East North Central Division	4,109	17.2
West North Central Division	1,570	25.8
South Atlantic Division	1,693	17.6
East South Central Division	1,229	56.6
West South Central Division	630	40.4
Pacific Division	1,492	29.8
Balance of United States	6	-

TABLE 1. SHIPPER GROUP 06--Percent Distribution of Distance, by Means of Transport: 1967

Paper and Allied Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	71,677	100.0	55.5	27.7	15.1	-	1.4	0.2	0.1
Under 50 miles	7,538	100.0	9.4	45.5	44.6	-	.2	.2	.1
50 to 99 miles	7,553	100.0	24.7	38.0	34.6	-	2.5	.1	.1
100 to 199 miles	10,213	100.0	32.0	40.5	25.6	-	1.4	.2	.3
200 to 299 miles	9,149	100.0	54.7	31.7	13.5	-	-	-	.1
300 to 399 miles	5,979	100.0	59.0	34.1	6.8	-	-	.1	-
400 to 499 miles	4,905	100.0	75.0	21.3	3.5	-	-	.1	.1
500 to 599 miles	4,164	100.0	72.9	24.3	2.2	-	.4	.2	-
600 to 799 miles	8,834	100.0	78.2	14.6	2.5	-	4.5	.2	-
800 to 999 miles	5,568	100.0	85.5	10.5	1.0	0.1	2.7	.1	.1
1,000 to 1,199 miles	2,258	100.0	87.3	11.3	.4	.1	.1	.8	-
1,200 to 1,499 miles	1,405	100.0	87.7	7.6	.7	-	-	4.0	-
1,500 to 1,999 miles	2,206	100.0	94.7	4.1	.9	-	-	.2	.1
2,000 miles and over	1,905	100.0	89.4	3.8	.2	.1	6.1	.4	-
TON-MILES	(millions of ton-miles)								
Total	34,966	100.0	77.3	15.7	4.2	-	2.3	.4	.1
Under 50 miles	207	100.0	10.9	44.2	44.5	-	.2	.1	.1
50 to 99 miles	541	100.0	24.1	38.6	34.4	-	2.7	.1	.1
100 to 199 miles	1,519	100.0	33.5	40.0	24.8	-	1.2	.2	.3
200 to 299 miles	2,268	100.0	54.8	31.5	13.6	-	-	-	.1
300 to 399 miles	2,073	100.0	59.6	33.7	6.6	-	-	.1	-
400 to 499 miles	2,207	100.0	75.1	21.2	3.5	-	-	.1	.1
500 to 599 miles	2,274	100.0	72.8	24.4	2.2	-	.4	.2	-
600 to 799 miles	6,240	100.0	78.6	14.2	2.4	-	4.6	.2	-
800 to 999 miles	4,972	100.0	85.4	10.4	.9	.1	3.0	.1	.1
1,000 to 1,199 miles	2,455	100.0	87.6	11.0	.4	.1	.1	.8	-
1,200 to 1,499 miles	1,903	100.0	88.1	7.5	.7	-	-	3.7	-
1,500 to 1,999 miles	3,848	100.0	94.7	4.1	.9	-	-	.2	.1
2,000 miles and over	4,459	100.0	88.2	3.9	.2	.1	7.2	.4	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 06--Percent Distribution of Weight, by Means of Transport: 1967

Paper and Allied Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	68,905	100.0	55.5	27.8	15.0	1.5	0.2
Under 1,000 pounds	1,187	100.0	2.5	79.6	15.5	.1	2.3
Under 50 pounds	18	100.0	2.3	47.0	5.1	-	45.6
50 to 99 pounds	31	100.0	3.7	78.3	7.2	.1	10.7
100 to 199 pounds	90	100.0	4.5	83.4	7.6	.1	4.4
200 to 499 pounds	383	100.0	2.6	81.9	14.0	.2	1.3
500 to 999 pounds	665	100.0	2.2	78.7	18.1	.1	.9
1,000 to 9,999 pounds	7,256	100.0	3.6	60.2	35.4	.3	.5
1,000 to 1,999 pounds	1,203	100.0	2.5	70.1	26.5	.1	.8
2,000 to 2,999 pounds	1,052	100.0	2.7	68.7	27.4	.4	.8
3,000 to 3,999 pounds	838	100.0	2.3	60.9	35.7	.4	.7
4,000 to 4,999 pounds	750	100.0	2.9	60.9	35.8	.1	.3
5,000 to 9,999 pounds	3,413	100.0	4.6	53.9	40.8	.4	.3
10,000 to 29,999 pounds	11,405	100.0	20.2	44.7	34.3	.3	.5
10,000 to 19,999 pounds	5,683	100.0	8.7	48.9	41.5	.3	.6
20,000 to 29,999 pounds	5,722	100.0	31.6	40.5	27.2	.3	.4
30,000 to 59,999 pounds	17,231	100.0	40.5	40.5	18.6	.2	.2
30,000 to 39,999 pounds	8,352	100.0	29.9	44.2	25.6	.1	.2
40,000 to 49,999 pounds	6,020	100.0	35.5	47.2	16.9	.2	.2
50,000 to 59,999 pounds	2,859	10010	81.7	16.0	1.6	.7	-
60,000 to 89,999 pounds	9,523	100.0	90.0	7.5	2.1	.4	-
60,000 to 69,999 pounds	2,646	100.0	85.4	10.3	3.7	.6	-
70,000 to 79,999 pounds	3,494	100.0	89.5	8.6	1.4	.5	-
80,000 to 89,999 pounds	3,383	100.0	94.2	4.1	1.5	.2	-
90,000 pounds and over	22,303	100.0	89.9	4.8	1.3	3.9	.1
TON-MILES	(millions of ton-miles)						
Total	33,530	100.0	77.6	15.8	4.2	2.2	.2
Under 1,000 pounds	423	100.0	6.5	83.8	5.1	.8	3.8
Under 50 pounds	10	100.0	3.9	45.5	1.7	-	48.9
50 to 99 pounds	16	100.0	9.3	75.6	1.9	1.2	12.0
100 to 199 pounds	41	100.0	9.8	81.4	2.0	.8	6.0
200 to 499 pounds	145	100.0	6.3	85.5	4.6	1.3	2.3
500 to 999 pounds	211	100.0	6.0	85.6	6.4	.5	1.5
1,000 to 9,999 pounds	1,612	100.0	9.4	72.4	13.7	3.0	1.5
1,000 to 1,999 pounds	326	100.0	6.3	82.3	8.4	1.0	2.0
2,000 to 2,999 pounds	279	100.0	8.9	76.4	10.7	2.0	2.0
3,000 to 3,999 pounds	185	100.0	7.5	73.8	12.3	2.7	3.7
4,000 to 4,999 pounds	157	100.0	7.0	77.0	13.8	1.3	.9
5,000 to 9,999 pounds	665	100.0	12.3	64.2	18.0	4.9	.6
10,000 to 29,999 pounds	3,055	100.0	39.8	40.3	17.5	1.8	.6
10,000 to 19,999 pounds	1,165	100.0	22.2	50.3	24.3	2.3	.9
20,000 to 29,999 pounds	1,890	100.0	50.8	33.8	13.4	1.5	.5
30,000 to 59,999 pounds	6,983	100.0	61.0	29.8	8.5	.5	.2
30,000 to 39,999 pounds	2,894	100.0	48.3	38.1	13.0	.2	.4
40,000 to 49,999 pounds	2,397	100.0	56.6	33.7	8.7	.8	.2
50,000 to 59,999 pounds	1,692	100.0	89.0	9.9	.5	.6	-
60,000 to 89,999 pounds	5,571	100.0	93.5	5.1	.6	.8	-
60,000 to 69,999 pounds	1,448	100.0	91.4	6.4	1.3	.9	-
70,000 to 79,999 pounds	2,118	100.0	92.1	6.4	.4	1.1	-
80,000 to 89,999 pounds	2,005	100.0	96.4	2.9	.3	.4	-
90,000 pounds and over	15,886	100.0	95.3	1.2	.1	3.4	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 06--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Paper and Allied Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	68,905	100.0	55.5	27.8	15.0	1.5	0.2
Under 200 miles	24,404	100.0	23.2	41.4	33.6	1.4	.4
Under 1,000 pounds	589	100.0	.8	70.7	27.1	-	1.4
1,000 to 9,999 pounds	5,042	100.0	1.2	51.6	46.8	.1	.3
10,000 to 29,999 pounds	6,762	100.0	7.1	45.0	47.2	.2	.5
30,000 to 59,999 pounds	6,440	100.0	19.6	47.8	32.4	.1	.1
60,000 to 89,999 pounds	1,531	100.0	76.9	14.7	8.0	.4	-
90,000 pounds and over	4,040	100.0	66.1	18.8	6.7	7.9	.5
200 to 399 miles	14,614	100.0	56.4	32.5	11.0	-	.1
Under 1,000 pounds	251	100.0	1.2	92.8	4.3	-	1.7
1,000 to 9,999 pounds	1,067	100.0	5.3	81.3	12.8	-	.6
10,000 to 29,999 pounds	2,354	100.0	28.1	47.7	23.9	-	.3
30,000 to 59,999 pounds	4,396	100.0	32.7	49.0	18.3	-	-
60,000 to 89,999 pounds	2,436	100.0	88.7	8.4	2.9	-	-
90,000 pounds and over	4,110	100.0	95.4	4.0	.6	-	-
400 to 599 miles	8,712	100.0	73.7	22.9	2.9	.2	.3
Under 1,000 pounds	119	100.0	2.4	90.7	3.8	-	3.1
1,000 to 9,999 pounds	430	100.0	8.3	83.9	6.5	.6	.7
10,000 to 29,999 pounds	917	100.0	44.3	48.7	6.3	-	.7
30,000 to 59,999 pounds	2,360	100.0	53.4	38.6	7.0	.7	.3
60,000 to 89,999 pounds	1,745	100.0	92.2	7.6	.2	-	-
90,000 pounds and over	3,141	100.0	98.9	1.1	-	-	-
600 to 999 miles	13,713	100.0	80.9	13.1	1.9	4.0	.1
Under 1,000 pounds	141	100.0	5.9	84.3	5.4	.1	4.3
1,000 to 9,999 pounds	503	100.0	13.9	77.3	7.0	.1	1.7
10,000 to 29,999 pounds	958	100.0	52.1	37.4	9.5	.1	.9
30,000 to 59,999 pounds	2,783	100.0	68.6	26.6	4.3	.3	.2
60,000 to 89,999 pounds	2,557	100.0	94.7	4.2	-	1.1	-
90,000 pounds and over	6,771	100.0	91.2	1.3	-	7.5	-
1,000 miles and over	7,462	100.0	91.0	6.9	.6	1.2	.3
Under 1,000 pounds	87	100.0	12.4	79.5	1.6	1.1	5.4
1,000 to 9,999 pounds	214	100.0	16.2	69.4	3.4	7.7	3.3
10,000 to 29,999 pounds	414	100.0	63.2	28.6	2.9	4.6	.7
30,000 to 59,999 pounds	1,252	100.0	88.5	8.9	1.7	.6	.3
60,000 to 89,999 pounds	1,254	100.0	95.9	3.3	-	.8	-
90,000 pounds and over	4,241	100.0	98.5	.6	-	.9	-
TON-MILES	(millions of ton-miles)						
Total[1]	33,530	100.0	77.6	15.8	4.2	2.2	.2
Under 200 miles	2,181	100.0	29.7	40.1	28.4	1.5	.3
Under 1,000 pounds	48	100.0	1.4	79.5	17.4	.1	1.6
1,000 to 9,999 pounds	359	100.0	2.0	59.8	37.9	.1	.2
10,000 to 29,999 pounds	599	100.0	9.9	43.3	46.1	.1	.6
30,000 to 59,999 pounds	654	100.0	25.6	47.0	27.2	.1	.1
60,000 to 89,999 pounds	173	100.0	78.6	15.9	5.3	.2	-
90,000 pounds and over	348	100.0	79.4	7.5	3.2	9.1	.8
200 to 399 miles	4,190	100.0	57.1	32.4	10.4	-	.1
Under 1,000 pounds	72	100.0	1.3	92.9	4.1	-	1.7
1,000 to 9,999 pounds	299	100.0	5.4	81.7	12.1	.1	.7
10,000 to 29,999 pounds	663	100.0	29.3	47.9	22.5	-	.3
30,000 to 59,999 pounds	1,261	100.0	33.2	49.3	17.5	-	-
60,000 to 89,999 pounds	721	100.0	89.0	8.2	2.8	-	-
90,000 pounds and over	1,174	100.0	95.2	4.2	.6	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 06--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Paper and Allied Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	4,302	100.0	73.7	23.0	2.8	0.2	0.3
Under 1,000 pounds	60	100.0	2.5	90.7	3.8	-	3.0
1,000 to 9,999 pounds	214	100.0	8.2	84.1	6.4	.6	.7
10,000 to 29,999 pounds	450	100.0	43.5	49.5	6.3	-	.7
30,000 to 59,999 pounds	1,162	100.0	53.7	38.7	6.5	.7	.4
60,000 to 89,999 pounds	861	100.0	91.9	7.9	.2	-	-
90,000 pounds and over	1,555	100.0	98.9	1.1	-	-	-
600 to 999 miles	10,678	100.0	81.4	12.7	1.7	4.1	.1
Under 1,000 pounds	108	100.0	6.2	83.7	5.6	.1	4.4
1,000 to 9,999 pounds	383	100.0	14.8	76.5	6.7	.1	1.9
10,000 to 29,999 pounds	735	100.0	53.6	36.6	8.9	.1	.8
30,000 to 59,999 pounds	2,146	100.0	69.6	25.9	3.9	.3	.3
60,000 to 89,999 pounds	1,964	100.0	94.8	4.2	-	1.0	-
90,000 pounds and over	5,342	100.0	91.2	1.2	-	7.6	-
1,000 miles and over	12,179	100.0	91.1	6.0	.5	2.1	.3
Under 1,000 pounds	136	100.0	13.0	77.4	1.5	2.4	5.7
1,000 to 9,999 pounds	357	100.0	15.3	65.4	2.7	12.8	3.8
10,000 to 29,999 pounds	607	100.0	61.6	26.0	2.7	8.9	.8
30,000 to 59,999 pounds	1,760	100.0	88.3	8.3	2.0	1.0	.4
60,000 to 89,999 pounds	1,853	100.0	95.9	2.7	-	1.4	-
90,000 pounds and over	7,466	100.0	98.0	.5	-	1.5	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 06--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Paper and Allied Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	71,677	100.0	55.5	27.7	15.1	-	1.4	0.2	0.1
New England	7,297	100.0	51.5	30.2	16.4	-	.5	1.4	-
Middle Atlantic	11,211	100.0	36.1	38.9	24.7	-	.1	.1	.1
East North Central	13,271	100.0	39.6	41.0	18.9	-	-	.4	.1
West North Central	2,563	100.0	37.7	45.7	16.4	0.1	-	-	.1
South Atlantic	12,582	100.0	67.8	19.1	10.1	-	2.8	-	.2
East South Central	7,268	100.0	69.1	13.3	14.4	-	3.2	-	-
West South Central	5,271	100.0	74.5	11.3	12.8	-	1.4	-	-
Mountain[1]	1,265	-	-	-	-	-	-	-	-
Pacific[2]	10,949	100.0	64.7	23.8	8.4	-	3.0	-	.1
TON-MILES	(millions of ton-miles)								
U.S. total	34,966	100.0	77.3	15.7	4.2	-	2.3	.4	.1
New England	3,408	100.0	70.8	19.5	4.1	-	2.2	3.4	-
Middle Atlantic	3,230	100.0	59.1	30.6	9.4	.1	.6	.1	.1
East North Central	4,127	100.0	62.4	29.3	7.5	.1	-	.5	.2
West North Central	889	100.0	60.3	33.5	6.0	.2	-	-	-
South Atlantic	5,771	100.0	76.9	14.0	3.9	-	5.0	.1	.1
East South Central	4,059	100.0	81.2	10.8	5.2	-	2.7	.1	-
West South Central	2,876	100.0	84.5	9.4	4.3	-	1.8	-	-
Mountain[1]	1,416	-	-	-	-	-	-	-	-
Pacific[2]	9,190	100.0	87.3	8.6	1.2	.1	2.7	-	.1

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 06--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Paper and Allied Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	71,677	71,677	4,533	15,919	18,498	4,775	9,225	3,712	4,799	982	9,234
Ton-miles.....millions..	34,966	34,966	2,002	7,219	8,335	2,702	3,710	1,653	2,699	869	5,777
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	71,677	100.0	6.3	22.2	25.7	6.7	12.9	5.2	6.7	1.4	12.9
Shipments from--											
New England.....	7,297	100.0	26.7	39.4	18.3	1.7	6.9	2.1	2.7	.7	1.5
Middle Atlantic.....	11,211	100.0	9.3	56.6	12.9	1.9	13.7	2.2	1.8	.4	1.2
East North Central.....	13,271	100.0	2.2	8.8	65.5	8.2	5.6	3.4	3.0	.8	2.5
West North Central.....	2,563	100.0	.4	2.7	27.1	54.8	2.6	1.3	4.7	1.6	4.8
South Atlantic.....	12,582	100.0	5.9	23.9	18.4	3.0	35.7	8.7	3.3	.2	.9
East South Central.....	7,268	100.0	3.6	15.5	25.2	4.2	16.6	17.0	14.6	.5	2.8
West South Central.....	5,271	100.0	2.2	8.9	18.5	11.5	8.1	6.5	39.3	1.5	3.5
Mountain[2].....	1,265	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	10,949	100.0	1.0	7.2	9.3	3.4	1.7	1.0	2.2	5.1	69.1
TON-MILES	(millions)										
U.S. total.....	34,966	100.0	5.7	20.6	24.0	7.7	10.6	4.7	7.7	2.5	16.5
Shipments from--											
New England.....	3,408	100.0	7.1	24.0	32.1	4.1	9.2	4.9	7.7	2.7	8.2
Middle Atlantic.....	3,230	100.0	7.6	22.2	22.3	5.7	17.0	5.8	7.2	2.5	9.7
East North Central.....	4,127	100.0	5.2	14.0	29.0	10.7	10.6	4.7	8.7	2.6	14.5
West North Central.....	889	100.0	1.3	7.7	24.0	25.6	6.8	2.1	9.2	3.6	19.7
South Atlantic.....	5,771	100.0	9.0	27.1	24.4	5.5	16.2	7.7	5.3	.5	4.3
East South Central.....	4,059	100.0	7.3	25.2	22.2	4.7	13.1	5.6	11.6	1.1	9.2
West South Central.....	2,876	100.0	5.4	18.1	24.3	10.3	10.1	3.7	15.6	2.4	10.1
Mountain[2].....	1,416	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	9,190	100.0	3.0	20.3	19.9	6.3	4.6	2.7	4.5	4.2	34.5

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 06--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Paper and Allied Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	71,677	100.0	55.5	27.7	15.1	-	1.4	0.2	0.1
Middle Atlantic, total	11,211	100.0	36.1	38.9	24.7	-	.1	.1	.1
Shipments to--									
New England	1,037	100.0	33.2	44.6	22.2	-	-	-	-
Middle Atlantic	6,365	100.0	19.7	45.1	35.0	-	.1	-	.1
East North Central	1,449	100.0	66.0	26.8	7.0	0.1	-	.1	-
West North Central	210	100.0	67.0	29.4	3.4	.1	-	.1	-
South Atlantic	1,534	100.0	59.2	29.3	11.3	-	-	.1	.1
East South Central	242	100.0	64.3	26.6	9.0	-	-	.1	-
West South Central	201	100.0	75.3	22.4	1.9	-	-	.4	-
Pacific	130	100.0	73.4	21.2	.6	.1	4.2	.5	-
East North Central, total	13,271	100.0	39.6	41.0	18.9	-	-	.4	.1
Shipments to--									
New England	293	100.0	72.7	23.2	3.2	.1	-	.8	-
Middle Atlantic	1,166	100.0	52.1	33.6	13.4	.1	-	.8	-
East North Central	8,700	100.0	28.1	46.2	25.2	-	-	.4	.1
West North Central	1,095	100.0	57.0	37.1	5.4	-	-	.3	.2
South Atlantic	737	100.0	63.3	29.1	7.3	.1	-	.1	.1
East South Central	446	100.0	53.0	43.1	3.7	-	-	.1	.1
West South Central	397	100.0	77.3	20.0	2.4	.2	-	.1	-
Mountain	105	100.0	82.4	16.2	.6	-	-	.8	-
Pacific	332	100.0	80.2	13.9	4.2	.1	.1	.9	.6
South Atlantic, total	12,582	100.0	67.8	19.1	10.1	-	2.8	-	.2
Shipments to--									
New England	738	100.0	80.8	16.6	2.1	-	.5	-	-
Middle Atlantic	3,010	100.0	65.0	18.8	4.9	-	11.3	-	-
East North Central	2,317	100.0	85.0	13.7	1.3	-	-	-	-
West North Central	380	100.0	87.1	12.3	.5	.1	-	-	-
South Atlantic	4,486	100.0	53.4	25.1	21.0	-	-	-	.5
East South Central	1,101	100.0	76.6	13.3	10.1	-	-	-	-
West South Central	419	100.0	79.6	14.1	6.3	-	-	-	-
Pacific, total	10,949	100.0	64.7	23.8	8.4	-	3.0	-	.1
Shipments to--									
East North Central	1,016	100.0	98.8	1.2	-	-	-	-	-
Mountain	560	100.0	58.1	31.2	10.6	-	-	-	.1
Pacific	7,550	100.0	52.7	31.5	11.4	-	4.3	-	.1
TON-MILES	(millions of ton-miles)								
U.S. total	34,966	100.0	77.3	15.7	4.2	-	2.3	.4	.1
Middle Atlantic, total	3,230	100.0	59.1	30.6	9.4	.1	.6	.1	.1
Shipments to--									
New England	245	100.0	36.7	45.2	18.1	-	-	-	-
Middle Atlantic	717	100.0	34.0	43.8	22.0	-	-	-	.2
East North Central	721	100.0	66.9	27.3	5.6	.1	-	.1	-
West North Central	184	100.0	67.0	29.1	3.7	.1	-	.1	-
South Atlantic	550	100.0	68.3	25.2	6.1	.1	-	.1	.2
East South Central	187	100.0	67.7	24.3	7.9	-	-	.1	-
West South Central	233	100.0	72.7	24.8	2.1	-	-	.4	-
Pacific	314	100.0	72.3	20.9	.6	.1	5.6	.5	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 06--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Paper and Allied Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	4,127	100.0	62.4	29.3	7.5	0.1	-	0.5	0.2
Shipments to--									
New England	213	100.0	73.9	22.2	3.0	.1	-	.8	-
Middle Atlantic	579	100.0	63.0	29.0	7.0	.1	-	.9	-
East North Central	1,195	100.0	42.2	41.6	15.8	-	-	.3	.1
West North Central	442	100.0	60.1	34.9	4.4	-	-	.3	.3
South Atlantic	438	100.0	70.5	24.9	4.3	.1	-	.2	-
East South Central	194	100.0	65.5	31.7	2.6	-	-	.1	.1
West South Central	360	100.0	79.2	18.5	2.0	.2	-	.1	-
Mountain	108	100.0	80.6	17.8	.6	-	-	1.0	-
Pacific	598	100.0	79.6	14.3	4.1	.1	0.3	.9	.7
South Atlantic, total	5,771	100.0	76.9	14.0	3.9	-	5.0	.1	.1
Shipments to--									
New England	519	100.0	85.1	13.1	1.2	-	.6	-	-
Middle Atlantic	1,560	100.0	67.2	12.9	1.9	-	18.0	-	-
East North Central	1,407	100.0	86.9	12.1	1.0	-	-	-	-
West North Central	320	100.0	87.3	12.1	.5	.1	-	-	-
South Atlantic	936	100.0	63.5	23.1	12.8	.2	-	.1	.3
East South Central	445	100.0	82.4	10.6	7.0	-	-	-	-
West South Central	308	100.0	80.9	13.7	5.4	-	-	-	-
Pacific, total	9,190	100.0	87.3	8.6	1.2	.1	2.7	-	.1
Shipments to--									
East North Central	1,826	100.0	98.8	1.2	-	-	-	-	-
Mountain	386	100.0	63.6	28.3	7.9	-	-	-	.2
Pacific	3,180	100.0	70.8	18.7	2.6	.1	7.7	-	.1

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER GROUP 06--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Paper and Allied Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	71,677	7,250	28,925	35,502	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	34,966	2.132	11,874	20,960
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	55.5	19.5	40.5	75.0	77.3	34.9	71.0	85.2
Motor carrier.....	27.7	36.4	35.5	19.5	15.7	32.8	20.5	11.2
Private truck.....	15.1	42.1	22.9	3.2	4.2	21.8	6.6	1.1
Air.....	-	-	-	-	-	.3	-	-
Water.....	1.4	.8	.7	2.2	2.3	5.4	1.5	2.4
Other.....	.2	1.1	.3	-	.4	4.7	.3	-
Unknown.....	.1	.1	.1	.1	.1	.1	.1	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	21.1	31.0	31.5	10.6	2.1	5.2	3.7	1.0
100 to 199 miles.....	14.2	22.3	16.3	10.9	4.3	11.4	5.8	2.8
200 to 299 miles.....	12.8	19.7	11.4	12.4	6.5	17.3	6.9	5.2
300 to 399 miles.....	8.3	6.8	7.5	9.3	5.9	8.0	6.2	5.5
400 to 499 miles.....	6.8	3.1	6.0	8.3	6.3	4.6	6.7	6.3
500 to 999 miles.....	26.0	12.4	17.8	35.3	38.7	28.9	31.5	43.6
1,000 miles and over.....	10.8	4.7	9.5	13.2	36.2	24.6	39.2	35.6

Table 8. SHIPPER GROUP 06--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Paper and Allied Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	70.3	55.9	82.7	93.9
Highway facilities.....	87.7	90.2	87.8	70.0
Rail and highway facilities.....	58.5	46.1	71.2	65.1
Air facilities.....	73.4	72.0	76.8	61 .
Rail, highway, and air facilities.....	46.4	37.0	56.9	45.3
Water facilities.....	22.7	22.9	20.8	33.3
Rail, highway, air, and water facilities.	12.4	10.7	13.7	15.7

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 061--Percent Distribution of Distance, by Means of Transport: 1967

Pulp and Paper, Except Building Paper

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	25,370	100.0	71.9	22.7	3.0	-	2.2	0.1	0.1
Under 50 miles	1,134	100.0	13.3	74.7	11.7	-	.1	-	.2
50 to 99 miles	1,878	100.0	58.1	24.9	10.3	-	6.7	-	-
100 to 199 miles	2,808	100.0	45.7	44.2	6.4	-	3.6	.1	-
200 to 299 miles	3,502	100.0	67.9	29.2	2.8	-	-	-	.1
300 to 399 miles	2,517	100.0	67.2	30.5	2.3	-	-	-	-
400 to 499 miles	1,856	100.0	79.1	18.9	1.9	-	-	-	.1
500 to 599 miles	1,609	100.0	79.1	19.4	.9	-	-	.5	.1
600 to 799 miles	3,297	100.0	77.1	11.8	.9	-	9.8	.3	.1
800 to 999 miles	2,662	100.0	92.0	7.5	.3	-	-	.1	.1
1,000 to 1,199 miles	1,159	100.0	89.9	9.7	.2	-	.1	-	.1
1,200 to 1,499 miles	452	100.0	96.6	3.0	-	-	-	.4	-
1,500 to 1,999 miles	1,119	100.0	97.9	1.8	.1	-	-	.2	-
2,000 miles and over	1,377	100.0	98.2	.6	-	-	1.1	.1	-
	(millions of ton-miles)								
TON-MILES									
Total	15,763	100.0	86.0	10.9	.9	-	1.9	.2	.1
Under 50 miles	27	100.0	18.9	64.9	15.6	-	.2	-	.4
50 to 99 miles	135	100.0	55.6	26.1	11.0	-	7.3	-	-
100 to 199 miles	430	100.0	45.6	44.7	6.4	-	3.2	.1	-
200 to 299 miles	851	100.0	67.7	29.3	2.9	-	-	-	.1
300 to 399 miles	876	100.0	67.6	30.1	2.2	-	-	.1	-
400 to 499 miles	831	100.0	79.3	18.7	1.9	-	-	-	.1
500 to 599 miles	875	100.0	79.3	19.2	.8	-	-	.6	.1
600 to 799 miles	2,316	100.0	76.9	11.7	.9	-	10.1	.3	.1
800 to 999 miles	2,390	100.0	92.2	7.4	.2	-	-	.1	.1
1,000 to 1,199 miles	1,261	100.0	90.2	9.4	.2	-	.1	-	.1
1,200 to 1,499 miles	613	100.0	96.6	3.0	-	-	-	.4	-
1,500 to 1,999 miles	1,956	100.0	97.9	1.8	.1	-	-	.2	-
2,000 miles and over	3,202	100.0	98.0	.6	-	-	1.3	.1	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 061--Percent Distribution of Weight, by Means of Transport: 1967

Pulp and Paper, Except Building Paper

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	24,855	100.0	71.8	23.0	2.8	2.3	0.1
Under 1,000 pounds	79	100.0	5.2	88.3	2.4	.3	3.8
Under 100 pounds	1	100.0	1.4	83.6	2.3	-	12.7
100 to 199 pounds	5	100.0	3.8	86.5	2.1	.2	7.4
200 to 499 pounds	21	100.0	5.9	88.3	1.9	.7	3.2
500 to 999 pounds	52	100.0	5.1	88.7	2.6	.2	3.4
1,000 to 9,999 pounds	561	100.0	7.6	82.1	8.2	.3	1.8
1,000 to 1,999 pounds	85	100.0	4.8	88.5	3.8	.2	2.7
2,000 to 2,999 pounds	96	100.0	6.3	84.2	5.3	.6	3.6
3,000 to 3,999 pounds	54	100.0	8.1	82.8	7.4	.3	1.4
4,000 to 4,999 pounds	59	100.0	4.8	84.3	9.5	.1	1.3
5,000 to 9,999 pounds	267	100.0	9.4	78.7	10.6	.2	1.1
10,000 to 29,999 pounds	1,444	100.0	31.0	55.9	11.7	.2	1.2
10,000 to 19,999 pounds	493	100.0	19.5	63.2	15.9	.4	1.0
20,000 to 29,999 pounds	951	100.0	37.0	52.0	9.6	.1	1.3
30,000 to 59,999 pounds	6,850	100.0	44.8	48.4	6.6	.1	.1
30,000 to 39,999 pounds	2,397	100.0	28.5	63.5	7.8	-	.2
40,000 to 49,999 pounds	2,921	100.0	36.4	54.3	9.0	.1	.2
50,000 to 59,999 pounds	1,532	100.0	86.4	13.4	.2	-	-
60,000 to 89,999 pounds	4,103	100.0	90.3	9.1	.3	.3	-
60,000 to 69,999 pounds	1,358	100.0	87.8	11.4	.4	.4	-
70,000 to 79,999 pounds	1,600	100.0	90.5	9.2	-	.3	-
80,000 to 89,999 pounds	1,145	100.0	93.1	6.2	.5	.2	-
90,000 pounds and over	11,818	100.0	89.3	5.9	.2	4.6	-
TON-MILES	(millions of ton-miles)						
Total	15,408	100.0	85.9	11.1	.9	1.9	.2
Under 1,000 pounds	30	100.0	13.8	78.5	1.6	1.3	4.8
Under 100 pounds	1	100.0	2.7	72.2	1.2	-	23.9
100 to 199 pounds	2	100.0	10.1	77.9	1.5	.5	10.0
200 to 499 pounds	10	100.0	15.0	76.8	1.0	3.3	3.9
500 to 999 pounds	17	100.0	13.8	79.9	2.0	.4	3.9
1,000 to 9,999 pounds	212	100.0	15.3	75.6	4.2	1.6	3.3
1,000 to 1,999 pounds	33	100.0	9.1	82.6	2.2	1.1	5.0
2,000 to 2,999 pounds	37	100.0	14.2	74.3	4.3	2.0	5.2
3,000 to 3,999 pounds	21	100.0	16.1	78.5	2.7	1.4	1.3
4,000 to 4,999 pounds	23	100.0	9.7	79.2	6.6	1.2	3.3
5,000 to 9,999 pounds	98	100.0	19.0	72.0	4.7	1.8	2.5
10,000 to 29,999 pounds	569	100.0	48.4	44.1	5.2	.3	2.0
10,000 to 19,999 pounds	173	100.0	36.9	53.4	6.8	1.1	1.8
20,000 to 29,999 pounds	396	100.0	53.4	40.0	4.5	-	2.1
30,000 to 59,999 pounds	3,181	100.0	64.5	32.4	2.7	.1	.3
30,000 to 39,999 pounds	964	100.0	46.8	48.8	3.7	.1	.6
40,000 to 49,999 pounds	1,254	100.0	57.2	38.6	3.9	.1	.2
50,000 to 59,999 pounds	963	100.0	92.1	7.8	.1	-	-
60,000 to 89,999 pounds	2,500	100.0	92.9	6.3	.1	.7	-
60,000 to 69,999 pounds	784	100.0	93.0	6.6	.1	.3	-
70,000 to 79,999 pounds	1,029	100.0	91.9	6.7	-	1.4	-
80,000 to 89,999 pounds	687	100.0	94.5	5.2	.3	-	-
90,000 pounds and over	8,916	100.0	95.8	1.0	.1	3.1	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 061--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Pulp and Paper, Except Building Paper

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	24,855	100.0	71.8	23.0	2.8	2.3	0.1
Under 200 miles	5,724	100.0	43.0	44.3	8.5	4.0	.2
Under 1,000 pounds	35	100.0	1.5	90.5	3.4	.2	4.4
1,000 to 9,999 pounds	232	100.0	1.6	82.0	15.1	.1	1.2
10,000 to 29,999 pounds	517	100.0	9.7	65.7	24.0	.4	.2
30,000 to 59,999 pounds	1,884	100.0	16.1	67.5	16.2	.1	.1
60,000 to 89,999 pounds	548	100.0	79.2	18.9	.9	1.0	-
90,000 pounds and over	2,508	100.0	66.6	24.2	.5	8.7	-
200 to 399 miles	5,969	100.0	67.8	29.8	2.3	-	.1
Under 1,000 pounds	20	100.0	1.2	95.6	1.0	-	2.2
1,000 to 9,999 pounds	150	100.0	3.7	93.2	2.2	-	.9
10,000 to 29,999 pounds	402	100.0	22.9	69.0	7.1	-	1.0
30,000 to 59,999 pounds	1,943	100.0	32.5	62.5	4.9	-	.1
60,000 to 89,999 pounds	1,072	100.0	89.2	10.4	.4	-	-
90,000 pounds and over	2,382	100.0	98.8	.8	.4	-	-
400 to 599 miles	3,414	100.0	79.1	19.3	1.3	-	.3
Under 1,000 pounds	8	100.0	5.1	92.4	.4	-	2.1
1,000 to 9,999 pounds	52	100.0	12.1	84.5	.2	-	3.2
10,000 to 29,999 pounds	181	100.0	53.6	42.0	2.7	-	1.7
30,000 to 59,999 pounds	1,140	100.0	58.0	38.1	3.4	-	.5
60,000 to 89,999 pounds	820	100.0	89.5	10.2	.3	-	-
90,000 pounds and over	1,213	100.0	99.0	1.0	-	-	-
600 to 999 miles	5,688	100.0	83.2	10.3	.6	5.7	.2
Under 1,000 pounds	10	100.0	14.3	77.6	3.8	-	4.3
1,000 to 9,999 pounds	97	100.0	19.5	72.2	6.1	.1	2.1
10,000 to 29,999 pounds	261	100.0	56.7	35.8	4.4	-	3.1
30,000 to 59,999 pounds	1,262	100.0	72.2	26.3	1.2	.1	.2
60,000 to 89,999 pounds	1,027	100.0	95.5	4.3	-	.2	-
90,000 pounds and over	3,031	100.0	88.2	1.2	-	10.6	-
1,000 miles and over	4,060	100.0	95.6	3.8	.1	.4	.1
Under 1,000 pounds	6	100.0	25.2	62.6	1.5	3.2	7.5
1,000 to 9,999 pounds	30	100.0	26.0	57.4	6.1	4.0	6.5
10,000 to 29,999 pounds	84	100.0	72.8	23.4	.9	.7	2.2
30,000 to 59,999 pounds	620	100.0	90.2	9.3	-	.1	.4
60,000 to 89,999 pounds	636	100.0	94.1	5.0	-	.9	-
90,000 pounds and over	2,684	100.0	98.8	.9	-	.3	-
TON-MILES	(millions of ton-miles)						
Total[1]	15,408	100.0	85.9	11.1	.9	1.9	.2
Under 200 miles	586	100.0	46.6	41.6	7.6	4.0	.2
Under 1,000 pounds	3	100.0	2.2	90.9	1.5	.3	5.1
1,000 to 9,999 pounds	24	100.0	2.2	87.9	8.2	.2	1.5
10,000 to 29,999 pounds	58	100.0	13.3	68.0	18.0	.4	.3
30,000 to 59,999 pounds	218	100.0	18.6	67.5	13.8	.1	-
60,000 to 89,999 pounds	68	100.0	79.0	19.4	1.1	.5	-
90,000 pounds and over	215	100.0	79.5	9.2	.7	10.6	-
200 to 399 miles	1,713	100.0	67.7	29.9	2.3	-	.1
Under 1,000 pounds	6	100.0	1.4	95.7	.9	-	2.0
1,000 to 9,999 pounds	41	100.0	4.3	92.8	1.9	-	1.0
10,000 to 29,999 pounds	116	100.0	24.4	68.3	6.3	-	1.0
30,000 to 59,999 pounds	567	100.0	32.9	62.2	4.8	-	.1
60,000 to 89,999 pounds	315	100.0	89.9	9.8	.3	-	-
90,000 pounds and over	668	100.0	98.8	.7	.5	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 061--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Pulp and Paper, Except Building Paper

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	1,680	100.0	79.3	19.1	1.3	-	0.3
Under 1,000 pounds	4	100.0	5.1	92.4	.4	-	2.1
1,000 to 9,999 pounds	26	100.0	12.3	83.9	.2	-	3.6
10,000 to 29,999 pounds	87	100.0	52.9	42.3	2.8	-	2.0
30,000 to 59,999 pounds	561	100.0	58.8	37.5	3.2	-	.5
60,000 to 89,999 pounds	405	100.0	89.2	10.5	.3	-	-
90,000 pounds and over	597	100.0	99.0	1.0	-	-	-
600 to 999 miles	4,485	100.0	84.2	9.9	.5	5.2	.2
Under 1,000 pounds	8	100.0	14.4	77.4	3.5	-	4.7
1,000 to 9,999 pounds	77	100.0	20.7	71.3	5.6	.1	2.3
10,000 to 29,999 pounds	203	100.0	57.1	36.0	4.0	-	2.9
30,000 to 59,999 pounds	976	100.0	73.1	25.5	1.1	.1	.2
60,000 to 89,999 pounds	790	100.0	95.6	4.3	-	.1	-
90,000 pounds and over	2,431	100.0	89.4	1.1	-	9.5	-
1,000 miles and over	6,944	100.0	96.6	2.7	-	.6	.1
Under 1,000 pounds	9	100.0	29.0	58.0	1.0	4.3	7.7
1,000 to 9,999 pounds	44	100.0	25.2	54.8	4.3	7.5	8.2
10,000 to 29,999 pounds	106	100.0	73.6	21.3	1.1	1.6	2.4
30,000 to 59,999 pounds	858	100.0	91.4	8.1	-	.1	.4
60,000 to 89,999 pounds	921	100.0	94.4	4.0	-	1.6	-
90,000 pounds and over	5,006	100.0	99.0	.6	-	.4	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 061--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Pulp and Paper, Except Building Paper

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	25,370	100.0	71.9	22.7	3.0	-	2.2	0.1	0.1
New England	4,183	100.0	76.6	21.6	1.2	-	.1	.5	-
Middle Atlantic	4,400	100.0	49.8	44.9	5.2	-	-	-	.1
East North Central	4,332	100.0	64.0	29.6	6.1	-	-	.3	-
South Atlantic	3,139	100.0	82.0	11.7	1.2	-	5.1	-	-
East South Central	3,420	100.0	79.0	12.6	1.7	-	6.7	-	-
West South Central	1,367	100.0	88.7	5.5	3.2	-	2.4	-	.2
Pacific[1]	3,284	100.0	77.8	15.6	2.2	-	4.2	-	.2
Balance of United States[2]	1,245	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	15,763	100.0	86.0	10.9	.9	-	1.9	.2	.1
New England	2,332	100.0	86.0	12.7	.5	-	.3	.5	-
Middle Atlantic	1,363	100.0	68.2	27.4	4.0	-	.2	.1	.1
East North Central	1,716	100.0	76.6	20.7	2.0	-	-	.6	.1
South Atlantic	1,477	100.0	84.3	7.8	.5	-	7.4	-	-
East South Central	2,259	100.0	84.5	10.2	.4	-	4.9	-	-
West South Central	757	100.0	90.6	4.6	1.4	-	3.4	-	-
Pacific[1]	4,654	100.0	93.5	5.2	.3	-	.9	-	.1
Balance of United States[2]	1,205	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 061--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Pulp and Paper, Except Building Paper

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	25,370	25,370	1,891	6,760	6,761	1,240	3,367	1,308	1,582	305	2,156
Ton-miles.....millions..	15,763	15,763	989	4,313	4,128	889	1,689	764	876	317	1,798
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	25,370	100.0	7.5	26.6	26.6	4.9	13.3	5.2	6.2	1.2	8.5
Shipments from--											
New England.....	4,183	100.0	19.3	41.5	26.5	1.5	5.3	2.8	.8	1.1	1.2
Middle Atlantic.....	4,400	100.0	11.2	47.7	16.8	2.5	16.9	2.1	1.9	.2	.7
East North Central.....	4,332	100.0	4.2	10.7	57.5	9.9	6.5	3.3	3.3	1.4	3.2
South Atlantic.....	3,139	100.0	4.6	24.8	17.7	1.9	38.6	9.4	1.3	.1	1.6
East South Central.....	3,420	100.0	3.9	21.6	17.6	4.4	16.1	13.7	18.9	.7	3.1
West South Central.....	1,367	100.0	1.8	10.4	23.9	8.2	9.0	6.3	38.0	.7	1.7
Pacific[2].....	3,284	100.0	2.6	22.8	18.2	1.8	4.2	3.0	2.5	3.8	41.1
Balance of U.S.[3].....	1,245	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	15,763	100.0	6.3	27.4	26.2	5.6	10.7	4.8	5.6	2.0	11.4
Shipments from--											
New England.....	2,332	100.0	7.3	26.1	40.1	3.1	6.3	5.6	2.2	3.9	5.4
Middle Atlantic.....	1,363	100.0	9.5	22.5	27.9	6.5	16.3	5.1	6.0	.9	5.3
East North Central.....	1,716	100.0	7.5	15.4	26.7	10.2	10.6	4.2	7.6	3.3	14.5
South Atlantic.....	1,477	100.0	7.5	28.6	24.5	3.2	18.2	8.1	1.9	.3	7.7
East South Central.....	2,259	100.0	6.9	31.4	18.3	4.5	12.3	4.7	12.1	1.4	8.4
West South Central.....	757	100.0	4.3	21.0	30.1	8.3	11.5	4.5	14.2	1.2	4.9
Pacific[2].....	4,654	100.0	4.6	37.9	22.7	1.9	6.9	4.7	3.2	2.0	16.1
Balance of U.S.[3].....	1,205	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 061--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Pulp and Paper, Except Building Paper

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	25,370	100.0	71.9	22.7	3.0	-	2.2	0.1	0.1
New England, total	4,183	100.0	76.6	21.6	1.2	-	.1	.5	-
Shipments to--									
New England	808	100.0	69.2	28.3	2.5	-	-	-	-
Middle Atlantic	1,734	100.0	67.4	30.8	1.4	-	.1	.3	-
East North Central	1,108	100.0	94.3	4.4	.2	-	-	1.1	-
South Atlantic	224	100.0	61.6	36.4	1.6	-	-	.4	-
Middle Atlantic, total	4,400	100.0	49.8	44.9	5.2	-	-	-	.1
Shipments to--									
New England	491	100.0	32.1	56.0	11.9	-	-	-	-
Middle Atlantic	2,102	100.0	30.4	64.4	4.9	-	.1	-	.2
East North Central	741	100.0	78.9	15.9	5.2	-	-	-	-
South Atlantic	743	100.0	72.6	24.4	2.7	-	-	.1	.2
East North Central, total	4,332	100.0	64.0	29.6	6.1	-	-	.3	-
Shipments to--									
Middle Atlantic	463	100.0	69.0	27.5	2.2	-	-	1.3	-
East North Central	2,496	100.0	55.1	35.6	9.3	-	-	-	-
West North Central	428	100.0	72.1	23.7	3.7	-	-	.3	.2
South Atlantic	280	100.0	76.3	22.4	1.3	-	-	-	-
South Atlantic, total	3,139	100.0	82.0	11.7	1.2	-	5.1	-	-
Shipments to--									
Middle Atlantic	780	100.0	64.2	15.4	.1	-	20.3	-	-
East North Central	557	100.0	89.8	9.9	.3	-	-	-	-
South Atlantic	1,210	100.0	84.7	13.0	2.1	-	.1	-	.1
East South Central, total	3,420	100.0	79.0	12.6	1.7	-	6.7	-	-
Shipments to--									
East North Central	603	100.0	86.3	13.7	-	-	-	-	-
South Atlantic	551	100.0	83.9	13.0	3.1	-	-	-	-
East South Central	467	100.0	77.0	16.0	7.0	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	15,763	100.0	86.0	10.9	.9	-	1.9	.2	.1
New England, total	2,332	100.0	86.0	12.7	.5	-	.3	.5	-
Shipments to--									
New England	170	100.0	78.2	21.1	.7	-	-	-	-
Middle Atlantic	608	100.0	72.0	26.8	1.1	-	-	.1	-
East North Central	934	100.0	95.1	3.9	.2	-	-	.8	-
South Atlantic	148	100.0	69.4	28.9	1.1	-	-	.6	-
Middle Atlantic, total	1,363	100.0	68.2	27.4	4.0	-	.2	.1	.1
Shipments to--									
New England	130	100.0	33.2	56.8	10.0	-	-	-	-
Middle Atlantic	306	100.0	42.2	52.2	5.2	-	-	-	.4
East North Central	381	100.0	80.5	14.9	4.6	-	-	-	-
South Atlantic	222	100.0	77.0	21.0	1.4	-	-	.2	.4
East North Central, total	1,716	100.0	76.6	20.7	2.0	-	-	.6	.1
Shipments to--									
Middle Atlantic	264	100.0	76.0	21.1	1.3	-	-	1.6	-
East North Central	459	100.0	61.0	34.0	5.0	-	-	-	-
West North Central	175	100.0	75.0	22.0	2.4	-	-	.3	.3
South Atlantic	182	100.0	80.9	18.1	1.0	-	-	-	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 061--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Pulp and Paper, Except Building Paper

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
South Atlantic, total	1,477	100.0	84.3	7.8	.5	-	7.4	-	-
Shipments to--									
Middle Atlantic	421	100.0	63.2	10.6	.2	-	26.0	-	-
East North Central	363	100.0	92.1	7.7	.2	-	-	-	-
South Atlantic	269	100.0	89.2	9.4	1.3	-	-	-	0.1
East South Central, total	2,259	100.0	84.5	10.2	.4	-	4.9	-	-
Shipments to--									
East North Central	414	100.0	86.9	13.1	-	-	-	-	-
South Atlantic	278	100.0	89.5	8.9	1.6	-	-	-	-
East South Central	107	100.0	90.8	7.3	1.9	-	-	-	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 061--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Pulp and Paper, Except Building Paper

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped ..... thousands..	25,370	334	4,356	20,680	(X)	(X)	(X)	(X)
Ton-miles ..... millions..	(X)	(X)	(X)	(X)	15,763	128	3,139	12,496
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail	71.9	24.4	58.6	75.5	86.0	43.3	84.6	86.9
Motor carrier	22.7	64.5	34.1	19.6	10.9	50.8	12.5	10.1
Private truck	3.0	10.6	5.6	2.3	.9	5.3	1.1	.8
Air	-	-	-	-	-	-	-	-
Water	2.2	-	1.1	2.5	1.9	-	1.1	2.1
Other	.1	-	.6	-	.2	-	.7	-
Unknown	.1	.5	-	.1	.1	.6	-	.1
DISTANCE OF SHIPMENT								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles	11.9	3.4	15.5	11.2	1.0	.5	1.1	1.0
100 to 199 miles	11.1	13.1	12.0	10.8	2.7	6.5	2.5	2.7
200 to 299 miles	13.8	47.8	12.6	13.5	5.4	31.4	4.3	5.4
300 to 399 miles	9.9	13.9	8.2	10.2	5.6	11.9	3.8	5.9
400 to 499 miles	7.3	1.0	4.4	8.0	5.3	1.2	2.7	5.9
500 to 999 miles	29.8	14.5	22.5	31.8	35.4	31.0	23.3	38.5
1,000 miles and over	16.2	6.3	24.8	14.5	44.6	17.5	62.3	40.6

Table 8. SHIPPER CLASS 061--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Pulp and Paper, Except Building Paper

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	86.2	66.7	95.0	98.9
Highway facilities	68.7	66.7	76.9	58.4
Rail and highway facilities	54.9	33.3	71.8	57.4
Air facilities	65.7	66.7	71.3	55.3
Rail, highway, and air facilities	39.7	33.3	46.6	37.2
Water facilities	42.1	66.7	28.1	30.8
Rail, highway, air, and water facilities	19.3	33.3	10.0	14.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, none reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 062 --Percent Distribution of Distance, by Means of Transport: 1967

Building Paper and Boards, Except Insulating Board

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	18,951	100.0	68.5	17.4	12.1	-	1.9	-	0.1
Under 50 miles	1,383	100.0	18.0	49.5	32.1	-	.1	-	.3
50 to 99 miles	1,893	100.0	25.8	29.2	41.7	-	3.3	-	-
100 to 199 miles	2,134	100.0	42.7	28.9	25.5	-	1.9	-	1.0
200 to 299 miles	2,308	100.0	62.5	22.1	15.4	-	-	-	-
300 to 399 miles	1,439	100.0	66.6	26.1	7.3	-	-	-	-
400 to 499 miles	1,623	100.0	88.3	10.5	1.2	-	-	-	-
500 to 599 miles	1,150	100.0	88.0	10.9	1.1	-	-	-	-
600 to 799 miles	3,611	100.0	93.0	4.7	.3	-	2.0	-	-
800 to 999 miles	1,447	100.0	85.1	4.3	.4	-	10.2	-	-
1,000 to 1,499 miles	1,102	100.0	97.8	2.2	-	-	-	-	-
1,500 miles and over	861	100.0	95.4	.8	.1	-	3.7	-	-
	(millions of ton-miles)								
TON-MILES									
Total	9,767	100.0	86.3	7.7	3.0	-	3.0	-	-
Under 50 miles	41	100.0	19.4	49.7	30.6	-	-	-	.3
50 to 99 miles	132	100.0	25.6	29.7	41.1	-	3.6	-	-
100 to 199 miles	316	100.0	43.6	28.7	25.4	-	1.4	-	.9
200 to 299 miles	575	100.0	63.6	21.6	14.8	-	-	-	-
300 to 399 miles	500	100.0	67.4	25.6	7.0	-	-	-	-
400 to 499 miles	736	100.0	88.3	10.5	1.2	-	-	-	-
500 to 599 miles	631	100.0	88.0	10.9	1.1	-	-	-	-
600 to 799 miles	2,586	100.0	93.3	4.4	.3	-	2.0	-	-
800 to 999 miles	1,293	100.0	84.2	4.2	.4	-	11.2	-	-
1,000 to 1,499 miles	1,331	100.0	98.0	2.0	-	-	-	-	-
1,500 miles and over	1,626	100.0	93.6	.8	.1	-	5.5	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 062--Percent Distribution of Weight, by Means of Transport: 1967

Building Paper and Boards, Except Insulating Board

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total	17,925	100.0	68.1	17.3	12.5	2.0	0.1
Under 1,000 pounds	10	100.0	1.4	82.0	15.3	.1	1.2
Under 500 pounds	3	100.0	2.6	81.3	13.9	.3	1.9
500 to 999 pounds	7	100.0	1.0	82.2	16.2	.1	.5
1,000 to 9,999 pounds	347	100.0	2.7	52.5	44.7	.1	-
1,000 to 1,999 pounds	21	100.0	1.7	63.9	34.1	.3	-
2,000 to 2,999 pounds	34	100.0	2.6	59.6	37.5	.1	.2
3,000 to 3,999 pounds	31	100.0	1.4	54.6	44.0	-	-
4,000 to 4,999 pounds	36	100.0	1.2	59.8	38.8	-	.2
5,000 to 9,999 pounds	225	100.0	3.2	48.9	47.8	.1	-
10,000 to 29,999 pounds	1,266	100.0	5.2	49.6	44.9	.2	.1
10,000 to 19,999 pounds	490	100.0	4.2	47.2	48.3	.1	.2
20,000 to 29,999 pounds	776	100.0	5.9	50.8	42.8	.3	.2
30,000 to 59,999 pounds	4,127	100.0	20.5	46.9	32.2	.3	.1
30,000 to 39,999 pounds	2,064	100.0	6.1	52.4	41.3	.1	.1
40,000 to 49,999 pounds	1,523	100.0	19.7	49.9	30.0	.4	-
50,000 to 59,999 pounds	540	100.0	78.3	17.2	3.8	.7	-
60,000 to 89,999 pounds	3,507	100.0	91.3	4.2	3.7	.8	-
60,000 to 69,999 pounds	575	100.0	82.8	8.7	6.8	1.7	-
70,000 to 79,999 pounds	1,067	100.0	89.8	4.7	4.3	1.2	-
80,000 to 89,999 pounds	1,865	100.0	94.9	2.6	2.3	.2	-
90,000 pounds and over	8,668	100.0	93.1	2.4	.6	3.7	.2
	(millions of ton-miles)						
TON-MILES							
Total	9,287	100.0	86.3	7.4	3.1	3.2	-
Under 1,000 pounds	3	100.0	5.0	87.0	5.7	-	2.3
Under 500 pounds	1	100.0	6.5	86.7	3.9	.1	2.8
500 to 999 pounds	2	100.0	4.4	87.4	6.8	-	1.4
1,000 to 9,999 pounds	61	100.0	9.1	60.4	29.8	.6	.1
1,000 to 1,999 pounds	5	100.0	8.5	71.0	20.2	.3	-
2,000 to 2,999 pounds	6	100.0	7.1	66.8	25.9	-	.2
3,000 to 3,999 pounds	6	100.0	4.9	64.8	30.3	-	-
4,000 to 4,999 pounds	5	100.0	4.5	66.3	28.1	-	1.1
5,000 to 9,999 pounds	39	100.0	10.7	56.7	31.8	.8	-
10,000 to 29,999 pounds	247	100.0	12.9	56.5	29.3	1.1	.2
10,000 to 19,999 pounds	91	100.0	12.5	51.1	36.2	-	.2
20,000 to 29,999 pounds	156	100.0	13.1	59.7	25.3	1.8	.1
30,000 to 59,999 pounds	1,117	100.0	45.7	37.1	15.9	1.3	-
30,000 to 39,999 pounds	432	100.0	16.4	57.3	26.1	.2	-
40,000 to 49,999 pounds	403	100.0	46.7	34.9	15.4	3.0	-
50,000 to 59,999 pounds	282	100.0	89.0	9.3	1.1	.6	-
60,000 to 89,999 pounds	1,939	100.0	95.4	2.6	.8	1.2	-
60,000 to 69,999 pounds	284	100.0	88.9	5.8	1.4	3.9	-
70,000 to 79,999 pounds	590	100.0	93.9	3.3	1.1	1.7	-
80,000 to 89,999 pounds	1,065	100.0	98.0	1.3	.4	.3	-
90,000 pounds and over	5,920	100.0	94.8	.8	.1	4.3	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 062--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Building Paper and Boards, Except Insulating Board

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total[1]	17,925	100.0	68.1	17.3	12.5	2.0	0.1
Under 200 miles	5,203	100.0	29.6	34.5	33.4	2.0	.5
Under 1,000 pounds	6	100.0	.1	76.5	22.8	.2	.4
1,000 to 9,999 pounds	247	100.0	.5	49.0	50.5	-	-
10,000 to 29,999 pounds	842	100.0	2.0	44.2	53.3	.2	.3
30,000 to 59,999 pounds	2,322	100.0	5.5	50.5	43.8	.1	.1
60,000 to 89,999 pounds	619	100.0	76.2	6.6	17.2	-	-
90,000 pounds and over	1,167	100.0	79.0	7.3	3.3	8.7	1.7
200 to 399 miles	3,469	100.0	63.4	23.7	12.9	-	-
Under 1,000 pounds	3	100.0	.6	89.4	8.9	-	1.1
1,000 to 9,999 pounds	64	100.0	2.6	53.4	43.9	.1	-
10,000 to 29,999 pounds	272	100.0	6.9	52.7	40.3	-	.1
30,000 to 59,999 pounds	931	100.0	18.5	51.7	29.8	-	-
60,000 to 89,999 pounds	843	100.0	89.8	7.9	2.3	-	-
90,000 pounds and over	1,356	100.0	92.0	7.0	1.0	-	-
400 to 599 miles	2,526	100.0	88.6	10.1	1.3	-	-
Under 10,000 pounds	17	100.0	13.1	77.4	9.5	-	-
10,000 to 29,999 pounds	83	100.0	12.7	80.5	6.4	-	.4
30,000 to 59,999 pounds	326	100.0	48.4	44.2	7.4	-	-
60,000 to 89,999 pounds	631	100.0	97.3	2.6	.1	-	-
90,000 pounds and over	1,469	100.0	99.0	1.0	-	-	-
600 to 999 miles	4,821	100.0	90.9	4.2	.3	4.6	-
Under 1,000 pounds	1	100.0	6.5	89.9	.2	-	3.4
1,000 to 9,999 pounds	16	100.0	22.6	70.8	5.7	.4	.5
10,000 to 29,999 pounds	56	100.0	26.4	64.9	7.4	1.3	-
30,000 to 59,999 pounds	392	100.0	65.2	31.4	2.5	.9	-
60,000 to 89,999 pounds	1,048	100.0	95.4	2.1	.1	2.4	-
90,000 pounds and over	3,308	100.0	93.9	.3	-	5.8	-
1,000 miles and over	1,906	100.0	96.6	1.6	.1	1.7	-
Under 10,000 pounds	4	100.0	22.9	74.6	-	2.5	-
10,000 to 29,999 pounds	12	100.0	39.5	54.7	-	5.8	-
30,000 to 59,999 pounds	156	100.0	86.0	10.5	.8	2.7	-
60,000 to 89,999 pounds	366	100.0	99.0	.5	-	.5	-
90,000 pounds and over	1,368	100.0	98.0	.2	-	1.8	-
	(millions of ton-miles)						
TON-MILES							
Total[1]	9,287	100.0	86.3	7.4	3.1	3.2	-
Under 200 miles	471	100.0	36.4	30.7	30.4	1.9	.6
Under 1,000 pounds	1	100.0	.1	81.2	17.9	.2	.6
1,000 to 9,999 pounds	18	100.0	.4	49.4	50.1	-	.1
10,000 to 29,999 pounds	70	100.0	2.2	44.1	53.4	.1	.2
30,000 to 59,999 pounds	199	100.0	8.0	48.4	43.4	.1	.1
60,000 to 89,999 pounds	67	100.0	81.7	6.2	12.1	-	-
90,000 pounds and over	116	100.0	85.1	3.2	1.8	7.6	2.3
200 to 399 miles	991	100.0	64.6	23.6	11.8	-	-
Under 1,000 pounds	1	100.0	.8	88.5	9.6	-	1.1
1,000 to 9,999 pounds	17	100.0	2.2	54.8	42.9	.1	-
10,000 to 29,999 pounds	74	100.0	7.4	52.9	39.6	-	.1
30,000 to 59,999 pounds	256	100.0	19.7	52.6	27.7	-	-
60,000 to 89,999 pounds	248	100.0	89.8	8.1	2.1	-	-
90,000 pounds and over	395	100.0	91.4	7.6	1.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 062--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Building Paper and Boards, Except Insulating Board

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	1,244	100.0	88.7	10.1	1.2	-	-
Under 10,000 pounds	9	100.0	12.3	77.8	9.9	-	-
10,000 to 29,999 pounds	41	100.0	11.7	81.5	6.3	-	0.5
30,000 to 59,999 pounds	160	100.0	48.9	44.0	7.1	-	-
60,000 to 89,999 pounds	309	100.0	97.4	2.5	.1	-	-
90,000 pounds and over	725	100.0	99.1	.9	-	-	-
600 to 999 miles	3,706	100.0	90.4	4.0	.3	5.3	-
Under 1,000 pounds	1	100.0	7.3	89.0	.2	-	3.5
1,000 to 9,999 pounds	12	100.0	22.7	69.5	6.8	.5	.5
10,000 to 29,999 pounds	42	100.0	28.5	62.2	7.8	1.5	-
30,000 to 59,999 pounds	295	100.0	65.2	31.3	2.5	1.0	-
60,000 to 89,999 pounds	801	100.0	95.5	2.0	.1	2.4	-
90,000 pounds and over	2,555	100.0	93.0	.2	-	6.8	-
1,000 miles and over	2,875	100.0	95.5	1.3	.1	3.1	-
Under 10,000 pounds	5	100.0	26.4	68.3	-	5.3	-
10,000 to 29,999 pounds	20	100.0	40.1	49.2	-	10.7	-
30,000 to 59,999 pounds	206	100.0	83.9	9.8	1.0	5.3	-
60,000 to 89,999 pounds	515	100.0	98.6	.4	-	1.0	-
90,000 pounds and over	2,129	100.0	96.5	.1	-	3.4	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 062--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Building Paper and Boards, Except Insulating Board

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	18,951	100.0	68.5	17.4	12.1	-	1.9	-	0.1
New England	694	100.0	19.2	44.0	36.8	-	-	-	-
Middle Atlantic	1,406	100.0	23.2	43.7	33.0	-	-	-	.1
East North Central	2,009	100.0	36.4	35.3	28.3	-	-	-	-
South Atlantic	6,061	100.0	76.9	11.3	8.4	-	3.0	-	.4
East South Central	1,081	100.0	84.9	13.1	1.9	-	-	-	.1
West South Central	2,743	100.0	86.8	6.9	4.9	-	1.4	-	-
Pacific[1]	4,536	100.0	76.9	12.6	7.5	-	3.0	-	-
Balance of U.S.[2]	421	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	9,767	100.0	86.3	7.7	3.0	-	3.0	-	-
New England	180	100.0	48.6	35.7	15.7	-	-	-	-
Middle Atlantic	260	100.0	52.0	28.7	19.3	-	-	-	-
East North Central	486	100.0	57.3	26.9	15.8	-	-	-	-
South Atlantic	2,971	100.0	84.6	6.6	2.9	-	5.8	-	.1
East South Central	620	100.0	89.2	10.3	.5	-	-	-	-
West South Central	1,727	100.0	91.2	5.8	1.6	-	1.4	-	-
Pacific[1]	3,134	100.0	92.7	3.3	.8	-	3.2	-	-
Balance of U.S.[2]	389	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 062--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Building Paper and Boards, Except Insulating Board

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	18,951	18,951	1,097	3,506	4,226	1,276	2,656	803	1,333	159	3,985
Ton-miles.....millions..	9,767	9,767	652	1,593	2,475	1,048	818	315	672	132	2,062
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	18,951	100.0	5.8	18.5	22.3	6.7	14.0	4.2	7.0	0.8	20.7
Shipments from--											
New England.....	694	100.0	40.8	41.2	9.0	1.6	5.9	.9	-	-	.6
Middle Atlantic.....	1,406	100.0	9.9	71.4	7.8	1.6	8.0	.8	-	-	.5
East North Central.....	2,009	100.0	2.2	8.0	69.7	6.7	4.9	5.2	2.9	.1	.3
South Atlantic.....	6,061	100.0	7.3	26.1	21.8	4.0	30.0	6.3	3.8	.2	.5
East South Central.....	1,081	100.0	7.2	13.1	22.1	4.9	30.1	10.2	10.3	.4	1.7
West South Central.....	2,743	100.0	3.1	10.8	21.9	14.1	8.6	6.1	29.0	1.3	5.1
Pacific[2].....	4,536	100.0	.5	.6	8.4	6.0	.2	.3	1.4	2.2	80.4
Balance of U.S.[3].....	421	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	9,767	100.0	6.7	16.3	25.4	10.7	8.4	3.2	6.9	1.3	21.1
Shipments from--											
New England.....	180	100.0	11.8	31.1	25.0	7.3	15.9	3.3	.1	-	5.5
Middle Atlantic.....	260	100.0	12.7	35.7	22.4	7.6	11.7	2.7	.1	-	7.1
East North Central.....	486	100.0	6.9	11.5	41.6	10.0	9.8	7.9	9.6	.5	2.2
South Atlantic.....	2,971	100.0	10.1	29.3	27.0	6.8	13.2	5.2	5.5	.5	2.4
East South Central.....	620	100.0	13.9	18.9	21.5	5.5	20.5	4.1	9.1	.7	5.8
West South Central.....	1,727	100.0	6.7	19.0	25.3	10.5	9.3	3.0	11.6	1.8	12.8
Pacific[2].....	3,134	100.0	2.0	2.0	22.4	13.5	.7	.8	3.4	2.3	52.9
Balance of U.S.[3].....	389	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 062--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Building Paper and Boards, Except Insulating Board

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	18,951	100.0	68.5	17.4	12.1	-	1.9	-	0.1
East North Central, total	2,009	100.0	36.4	35.3	28.3	-	-	-	-
Shipments to--									
Middle Atlantic	162	100.0	44.0	28.1	27.9	-	-	-	-
East North Central	1,399	100.0	25.7	39.6	34.7	-	-	-	-
South Atlantic, total	6,061	100.0	76.9	11.3	8.4	-	3.0	-	.4
Shipments to--									
Middle Atlantic	1,580	100.0	70.3	14.5	3.6	-	11.6	-	-
East North Central	1,324	100.0	94.2	5.3	.5	-	-	-	-
South Atlantic	1,821	100.0	60.8	15.8	22.2	-	-	-	1.2
West South Central, total	2,743	100.0	86.8	6.9	4.9	-	1.4	-	-
Shipments to--									
East North Central	600	100.0	86.9	6.5	.2	-	6.4	-	-
West South Central	795	100.0	78.8	5.3	15.8	-	.1	-	-
Pacific, total	4,536	100.0	76.9	12.6	7.5	-	3.0	-	-
Shipments to--									
Pacific	3,648	100.0	71.6	15.3	9.4	-	3.7	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	9,767	100.0	86.3	7.7	3.0	-	3.0	-	-
East North Central, total	486	100.0	57.3	26.9	15.8	-	-	-	-
Shipments to--									
Middle Atlantic	56	100.0	63.2	26.2	10.6	-	-	-	-
East North Central	202	100.0	35.7	35.8	28.5	-	-	-	-
South Atlantic, total	2,971	100.0	84.6	6.6	2.9	-	5.8	-	.1
Shipments to--									
Middle Atlantic	867	100.0	72.1	7.2	1.0	-	19.7	-	-
East North Central	803	100.0	95.1	4.5	.4	-	-	-	-
South Atlantic	391	100.0	70.0	13.2	16.1	-	-	-	.7
West South Central, total	1,727	100.0	91.2	5.8	1.6	-	1.4	-	-
Shipments to--									
East North Central	438	100.0	87.2	6.9	.2	-	5.7	-	-
West South Central	200	100.0	82.3	6.1	11.6	-	-	-	-
Pacific, total	3,134	100.0	92.7	3.3	.8	-	3.2	-	-
Shipments to--									
Pacific	1,652	100.0	86.7	5.7	1.6	-	6.0	-	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 062--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Building Paper and Boards, Except Insulating Board

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	18,951	1,743	8,119	9,089	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	9,767	451	3,862	5,454
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	68.5	42.7	55.0	85.6	86.3	66.6	83.0	90.0
Motor carrier.....	17.4	24.2	25.1	9.2	7.7	15.2	10.3	5.3
Private truck.....	12.1	33.1	18.3	2.5	3.0	18.2	4.6	.7
Air.....	-	-	-	-	-	-	-	-
Water.....	1.9	-	1.6	2.5	3.0	-	2.1	3.9
Other.....	-	-	-	-	-	-	-	-
Unknown.....	.1	-	-	.2	-	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	17.3	27.9	26.7	6.9	1.8	5.6	2.9	.6
100 to 199 miles.....	11.3	18.3	11.3	9.9	3.2	10.4	3.5	2.5
200 to 299 miles.....	12.2	25.2	10.9	10.8	5.9	25.1	5.5	4.6
300 to 399 miles.....	7.6	10.0	7.4	7.3	5.1	14.1	5.3	4.3
400 to 499 miles.....	8.6	5.4	9.3	8.5	7.5	9.2	8.9	6.4
500 to 999 miles.....	32.6	12.5	23.6	44.8	46.2	31.5	36.6	54.2
1,000 miles and over.....	10.4	.7	10.8	11.8	30.3	4.1	37.3	27.4

Table 8. SHIPPER CLASS 062--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Building Paper and Boards, Except Insulating Board

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	86.6	77.5	90.4	97.4
Highway facilities	72.3	85.0	66.1	60.5
Rail and highway facilities	58.9	62.5	56.4	57.9
Air facilities	64.4	58.0	74.8	44.7
Rail, highway, and air facilities	43.6	41.5	49.3	28.9
Water facilities	21.8	16.5	17.1	52.6
Rail, highway, air, and water facilities	11.1	12.0	10.6	10.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 063--Percent Distribution of Distance, by Means of Transport: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	13,085	100.0	45.7	39.0	14.6	0.1	0.3	0.2	0.1
Under 50 miles	1,126	100.0	14.8	46.1	37.7	-	1.1	.3	-
50 to 99 miles	1,162	100.0	11.4	60.0	28.2	-	-	.2	.2
100 to 199 miles	2,133	100.0	25.8	45.5	28.1	.1	.1	.2	.2
200 to 299 miles	1,707	100.0	44.6	43.1	12.2	-	-	.1	-
300 to 399 miles	1,396	100.0	50.8	40.0	8.7	.1	-	.4	-
400 to 499 miles	943	100.0	57.3	35.7	6.4	-	-	.3	.3
500 to 599 miles	777	100.0	56.8	36.9	6.0	-	-	.2	.1
600 to 799 miles	1,314	100.0	56.1	37.7	5.9	.1	-	.2	-
800 to 999 miles	1,198	100.0	77.8	19.6	1.6	.2	.3	.1	.4
1,000 to 1,199 miles	407	100.0	74.4	23.9	1.4	.1	-	.2	-
1,200 to 1,499 miles	329	100.0	73.7	23.0	3.0	-	-	.3	-
1,500 to 1,999 miles	402	100.0	83.9	13.7	1.4	.2	-	.3	.5
2,000 miles and over	191	100.0	64.2	23.3	1.4	.3	9.7	1.1	-
TON-MILES	(millions of ton-miles)								
Total	6,216	100.0	62.5	29.8	6.1	.1	1.0	.3	.2
Under 50 miles	33	100.0	18.8	44.5	35.6	-	.8	.2	.1
50 to 99 miles	87	100.0	11.2	61.2	27.2	-	-	.2	.2
100 to 199 miles	324	100.0	26.6	43.8	28.9	.1	.1	.3	.2
200 to 299 miles	427	100.0	45.8	42.5	11.6	-	-	.1	-
300 to 399 miles	483	100.0	50.9	40.0	8.6	.1	-	.4	-
400 to 499 miles	423	100.0	57.0	35.9	6.5	-	-	.3	.3
500 to 599 miles	425	100.0	56.4	37.4	5.9	-	-	.2	.1
600 to 799 miles	915	100.0	56.5	37.4	5.8	.1	-	.2	-
800 to 999 miles	1,060	100.0	77.8	19.6	1.6	.2	.3	.1	.4
1,000 to 1,199 miles	438	100.0	74.5	23.9	1.3	.1	-	.2	-
1,200 to 1,499 miles	445	100.0	74.3	22.6	2.8	-	-	.3	-
1,500 to 1,999 miles	704	100.0	84.2	13.5	1.4	.1	-	.3	.5
2,000 miles and over	452	100.0	61.8	23.2	1.3	.3	12.3	1.1	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 063--Percent Distribution of Weight, by Means of Transport: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	12,627	100.0	45.2	39.2	14.9	0.7
Under 1,000 pounds	712	100.0	3.0	87.4	6.7	2.9
Under 50 pounds	15	100.0	2.5	45.2	3.6	48.7
50 to 99 pounds	24	100.0	4.5	78.8	4.6	12.1
100 to 199 pounds	67	100.0	5.4	85.4	4.6	4.6
200 to 499 pounds	243	100.0	2.6	89.6	6.1	1.7
500 to 999 pounds	363	100.0	2.7	88.5	7.8	1.0
1,000 to 9,999 pounds	2,250	100.0	4.3	79.1	15.6	1.0
1,000 to 1,999 pounds	547	100.0	3.2	85.8	10.1	.9
2,000 to 2,999 pounds	407	100.0	3.4	82.4	12.6	1.6
3,000 to 3,999 pounds	279	100.0	3.4	81.2	14.1	1.3
4,000 to 4,999 pounds	232	100.0	2.9	79.9	16.8	.4
5,000 to 9,999 pounds	785	100.0	6.2	71.9	21.0	.9
10,000 to 29,999 pounds	3,620	100.0	38.4	38.1	22.7	.8
10,000 to 19,999 pounds	1,172	100.0	20.8	54.4	23.7	1.1
20,000 to 29,999 pounds	2,448	100.0	46.8	30.3	22.2	.7
30,000 to 59,999 pounds	3,365	100.0	56.1	28.3	15.2	.4
30,000 to 39,999 pounds	2,057	100.0	52.1	29.7	17.7	.5
40,000 to 49,999 pounds	823	100.0	52.9	29.1	17.4	.6
50,000 to 59,999 pounds	485	100.0	78.5	20.8	.7	-
60,000 to 89,999 pounds	1,471	100.0	87.8	11.3	.7	.2
60,000 to 69,999 pounds	446	100.0	88.3	10.6	1.1	-
70,000 to 79,999 pounds	714	100.0	85.6	14.0	.4	-
80,000 to 89,999 pounds	311	100.0	92.8	6.0	.5	.7
90,000 pounds and over	1,209	100.0	83.1	4.5	11.9	.5
TON-MILES	(millions of ton-miles)					
Total	5,969	100.0	62.1	30.1	6.2	1.6
Under 1,000 pounds	311	100.0	6.9	84.8	3.6	4.7
Under 50 pounds	10	100.0	4.1	44.6	1.4	49.9
50 to 99 pounds	13	100.0	10.6	74.4	1.4	13.6
100 to 199 pounds	34	100.0	11.1	80.7	6.1	6.6
200 to 499 pounds	109	100.0	6.1	86.9	3.6	3.4
500 to 999 pounds	145	100.0	6.3	87.9	4.3	1.5
1,000 to 9,999 pounds	783	100.0	9.6	78.3	8.3	3.8
1,000 to 1,999 pounds	200	100.0	6.7	85.3	5.1	2.9
2,000 to 2,999 pounds	152	100.0	9.9	77.9	8.1	4.1
3,000 to 3,999 pounds	95	100.0	10.3	80.4	5.8	3.5
4,000 to 4,999 pounds	73	100.0	5.9	84.6	8.8	.7
5,000 to 9,999 pounds	263	100.0	12.5	70.3	11.8	5.4
10,000 to 29,999 pounds	1,399	100.0	55.6	32.1	11.7	.6
10,000 to 19,999 pounds	426	100.0	33.2	51.4	14.5	.9
20,000 to 29,999 pounds	973	100.0	65.4	23.6	10.5	.5
30,000 to 59,999 pounds	1,750	100.0	70.5	21.5	7.1	.9
30,000 to 39,999 pounds	995	100.0	67.4	24.1	7.6	.9
40,000 to 49,999 pounds	437	100.0	66.4	21.4	10.6	1.6
50,000 to 59,999 pounds	318	100.0	85.8	13.5	.7	-
60,000 to 89,999 pounds	934	100.0	91.2	8.0	.2	.6
60,000 to 69,999 pounds	286	100.0	92.4	7.3	.3	-
70,000 to 79,999 pounds	430	100.0	89.0	10.8	.2	-
80,000 to 89,999 pounds	218	100.0	93.8	3.6	.1	2.5
90,000 pounds and over	792	100.0	94.0	2.9	.7	2.4

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 063--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	12,627	100.0	45.2	39.2	14.9	0.7
Under 200 miles	4,315	100.0	19.1	49.4	30.9	.6
Under 1,000 pounds	289	100.0	1.1	85.4	11.5	2.0
1,000 to 9,999 pounds	1,141	100.0	1.2	75.5	22.7	.6
10,000 to 29,999 pounds	1,505	100.0	15.7	41.7	41.2	1.4
30,000 to 59,999 pounds	910	100.0	35.5	34.4	30.1	-
60,000 to 89,999 pounds	261	100.0	74.6	24.0	1.4	-
90,000 pounds and over	209	100.0	26.1	5.0	68.9	-
200 to 399 miles	3,006	100.0	47.1	41.7	10.9	.3
Under 1,000 pounds	158	100.0	.8	94.2	3.0	2.0
1,000 to 9,999 pounds	464	100.0	3.7	86.3	8.8	1.2
10,000 to 29,999 pounds	948	100.0	45.8	39.4	14.6	.2
30,000 to 59,999 pounds	800	100.0	47.6	35.2	17.2	-
60,000 to 89,999 pounds	383	100.0	92.4	6.1	1.5	-
90,000 pounds and over	253	100.0	90.0	10.0	-	-
400 to 599 miles	1,661	100.0	56.7	36.7	6.2	.4
Under 1,000 pounds	83	100.0	1.9	91.0	3.3	3.8
1,000 to 9,999 pounds	241	100.0	5.0	85.8	8.9	.3
10,000 to 29,999 pounds	431	100.0	58.3	36.4	4.6	.7
30,000 to 59,999 pounds	461	100.0	58.4	28.3	12.9	.4
60,000 to 89,999 pounds	200	100.0	84.5	15.5	-	-
90,000 pounds and over	245	100.0	96.5	3.5	-	-
600 to 999 miles	2,353	100.0	65.6	29.6	4.1	.7
Under 1,000 pounds	108	100.0	5.8	84.9	5.4	3.9
1,000 to 9,999 pounds	271	100.0	11.0	78.8	9.1	1.1
10,000 to 29,999 pounds	466	100.0	60.3	31.8	7.7	.2
30,000 to 59,999 pounds	794	100.0	71.3	24.1	3.7	.9
60,000 to 89,999 pounds	394	100.0	89.6	10.4	-	-
90,000 pounds and over	320	100.0	96.6	3.4	-	-
1,000 miles and over	1,292	100.0	75.3	20.9	1.8	2.0
Under 1,000 pounds	73	100.0	12.4	79.9	1.7	6.0
1,000 to 9,999 pounds	134	100.0	17.9	72.1	3.8	6.2
10,000 to 29,999 pounds	270	100.0	69.0	27.1	3.3	.6
30,000 to 59,999 pounds	399	100.0	88.2	8.6	2.1	1.1
60,000 to 89,999 pounds	233	100.0	95.5	3.5	-	1.0
90,000 pounds and over	183	100.0	96.5	-	-	3.5
	(millions of ton-miles)					
TON-MILES						
Total[1]	5,969	100.0	62.1	30.1	6.2	1.6
Under 200 miles	433	100.0	22.7	47.3	29.4	.6
Under 1,000 pounds	26	100.0	1.7	88.9	7.5	1.9
1,000 to 9,999 pounds	104	100.0	2.0	80.0	17.7	.3
10,000 to 29,999 pounds	172	100.0	18.7	34.1	46.2	1.0
30,000 to 59,999 pounds	89	100.0	42.2	34.2	23.6	-
60,000 to 89,999 pounds	30	100.0	71.0	28.7	.3	-
90,000 pounds and over	12	100.0	41.1	9.7	49.2	-
200 to 399 miles	881	100.0	48.2	41.1	10.3	.4
Under 1,000 pounds	45	100.0	.8	94.1	3.0	2.1
1,000 to 9,999 pounds	132	100.0	4.2	86.1	8.3	1.4
10,000 to 29,999 pounds	275	100.0	46.8	39.5	13.5	.2
30,000 to 59,999 pounds	233	100.0	47.9	35.2	16.9	-
60,000 to 89,999 pounds	120	100.0	92.3	6.1	1.6	-
90,000 pounds and over	76	100.0	88.9	11.1	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 063--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Converted Paper and Paperboard Products, Except Containers and Boxes

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	820	100.0	56.3	37.1	6.2	0.4
Under 1,000 pounds	42	100.0	2.1	91.1	3.2	3.6
1,000 to 9,999 pounds	120	100.0	4.8	86.1	8.8	.3
10,000 to 29,999 pounds	211	100.0	58.2	36.5	4.7	.6
30,000 to 59,999 pounds	228	100.0	58.4	28.4	12.8	.4
60,000 to 89,999 pounds	101	100.0	82.9	17.1	-	-
90,000 pounds and over	118	100.0	96.4	3.6	-	-
600 to 999 miles	1,850	100.0	67.2	28.3	3.7	.8
Under 1,000 pounds	83	100.0	6.2	84.4	5.5	3.9
1,000 to 9,999 pounds	204	100.0	11.7	78.1	8.9	1.3
10,000 to 29,999 pounds	358	100.0	62.4	30.4	7.0	.2
30,000 to 59,999 pounds	627	100.0	72.1	23.4	3.4	1.1
60,000 to 89,999 pounds	311	100.0	90.1	9.9	-	-
90,000 pounds and over	267	100.0	96.7	3.3	-	-
1,000 miles and over	1,985	100.0	74.5	20.3	1.7	3.5
Under 1,000 pounds	115	100.0	12.7	78.3	1.6	7.4
1,000 to 9,999 pounds	223	100.0	17.0	68.9	3.2	10.9
10,000 to 29,999 pounds	383	100.0	70.7	24.9	3.2	1.2
30,000 to 59,999 pounds	573	100.0	87.0	9.1	2.3	1.6
60,000 to 89,999 pounds	373	100.0	95.5	3.0	-	1.5
90,000 pounds and over	318	100.0	94.1	-	-	5.9

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 063--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	13,085	100.0	45.7	39.0	14.6	0.1	0.3	0.2	0.1
New England	1,403	100.0	23.1	42.7	33.1	.2	.5	.2	.2
Middle Atlantic	2,880	100.0	36.9	37.2	25.2	-	.4	.2	.1
East North Central	2,822	100.0	44.1	48.6	6.4	.1	-	.6	.2
West North Central	468	100.0	27.0	54.5	18.3	.1	-	.1	-
South Atlantic	1,689	100.0	47.2	39.3	13.0	.1	.4	-	-
East South Central	1,537	100.0	85.5	13.6	.8	-	-	.1	-
West South Central	530	100.0	41.6	40.7	17.6	-	.1	-	-
Mountain[1]	119	-	-	-	-	-	-	-	-
Pacific[2]	1,637	100.0	47.6	44.0	7.5	.1	.7	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	6,216	100.0	62.5	29.8	6.1	.1	1.0	.3	.2
New England	516	100.0	43.9	39.0	15.6	.2	.5	.6	.2
Middle Atlantic	1,139	100.0	55.7	33.7	8.8	.1	1.4	.3	-
East North Central	1,255	100.0	59.6	35.4	4.0	.1	.1	.5	.3
West North Central	251	100.0	53.8	39.7	6.2	.2	-	.1	-
South Atlantic	792	100.0	55.8	34.2	8.5	.2	1.2	.1	-
East South Central	895	100.0	89.6	9.8	.4	-	-	.2	-
West South Central	273	100.0	50.4	38.8	10.7	.1	-	-	-
Mountain[1]	117	-	-	-	-	-	-	-	-
Pacific[2]	978	100.0	67.2	26.2	3.1	.1	3.2	.2	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 063--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	13,085	13,085	759	3,123	2,840	841	1,782	719	1,011	293	1,717
Ton-miles.....millions..	6,216	6,216	253	901	1,081	445	884	349	745	275	1,283
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	13,085	100.0	5.8	24.0	21.7	6.4	13.6	5.5	7.7	2.2	13.1
Shipments from--											
New England.....	1,403	100.0	19.8	50.6	10.3	3.2	10.1	2.3	2.7	.1	.9
Middle Atlantic.....	2,880	100.0	10.0	47.2	12.1	2.3	17.1	4.3	3.9	1.0	2.1
East North Central.....	2,822	100.0	2.0	12.2	49.9	11.5	9.5	4.2	4.8	1.1	4.8
West North Central.....	468	100.0	1.4	3.1	17.8	46.4	4.4	.7	7.2	2.5	16.5
South Atlantic.....	1,689	100.0	4.5	27.6	19.7	3.2	31.9	8.3	3.1	.3	1.4
East South Central.....	1,537	100.0	3.2	12.1	28.4	2.9	14.6	14.1	18.9	.6	5.2
West South Central.....	530	100.0	1.1	5.2	8.9	8.5	11.7	9.7	47.1	4.0	3.8
Mountain[2].....	119	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	1,637	100.0	-	1.0	2.3	2.7	2.1	-	5.9	10.5	75.5
TON-MILES	(millions)										
U.S. total.....	6,216	100.0	4.1	14.5	17.4	7.2	14.2	5.6	12.0	4.4	20.6
Shipments from--											
New England.....	516	100.0	4.2	25.3	19.5	10.0	17.4	6.0	10.5	.5	6.6
Middle Atlantic.....	1,139	100.0	5.3	13.0	14.9	5.6	21.7	8.8	12.5	5.0	13.2
East North Central.....	1,255	100.0	3.3	13.7	21.0	10.9	13.3	4.8	10.3	2.8	19.9
West North Central.....	251	100.0	3.2	5.2	12.8	14.3	7.4	.7	9.8	3.4	43.2
South Atlantic.....	792	100.0	7.5	25.4	23.9	5.8	17.9	6.2	5.5	1.0	6.8
East South Central.....	895	100.0	6.0	18.2	25.0	2.3	11.4	4.6	15.0	1.2	16.3
West South Central.....	273	100.0	2.7	11.7	11.7	10.8	15.0	4.7	24.5	7.4	11.5
Mountain[2].....	117	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	978	100.0	-	4.1	7.0	6.2	7.9	-	15.0	13.1	46.7

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 063--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	13,085	100.0	45.7	39.0	14.6	0.1	0.3	0.2	0.1
Middle Atlantic, total	2,880	100.0	36.9	37.2	25.2	-	.4	.2	.1
Shipments to--									
New England	287	100.0	34.0	34.0	31.8	-	-	.1	.1
Middle Atlantic	1,360	100.0	18.5	41.2	39.6	-	.5	.1	.1
East North Central	349	100.0	55.1	39.2	5.2	.1	-	.4	-
West North Central	65	100.0	55.3	40.6	3.6	.3	-	.2	-
South Atlantic	492	100.0	56.8	31.9	11.0	-	.1	.1	.1
East South Central	124	100.0	59.7	26.8	13.3	-	-	.2	-
West South Central	111	100.0	65.6	30.7	3.4	-	-	.3	-
Pacific	60	100.0	53.0	37.7	1.2	.1	7.3	.7	-
East North Central, total	2,822	100.0	44.1	48.6	6.4	.1	-	.6	-
Shipments to--									
New England	55	100.0	43.0	42.0	14.3	.3	-	.4	-
Middle Atlantic	343	100.0	35.0	48.2	15.8	.1	-	.9	-
East North Central	1,409	100.0	35.4	56.7	7.1	-	-	.7	.1
West North Central	326	100.0	49.2	43.6	3.3	.1	-	.6	.5
South Atlantic	267	100.0	63.6	34.1	1.9	-	-	.3	.1
East South Central	118	100.0	44.8	54.4	.5	.1	-	.2	-
West South Central	137	100.0	68.6	30.0	1.1	-	-	.3	-
Pacific	135	100.0	76.3	21.4	-	.1	.3	.5	1.4
South Atlantic, total	1,689	100.0	47.2	39.3	13.0	.1	.4	-	-
Shipments to--									
Middle Atlantic	466	100.0	62.9	23.2	13.9	-	-	-	-
East North Central	332	100.0	51.9	41.7	6.3	-	-	.1	-
South Atlantic	539	100.0	26.0	55.7	18.0	.3	-	-	-
East South Central, total	1,537	100.0	85.5	13.6	.8	-	-	.1	-
Shipments to--									
East North Central	437	100.0	86.1	13.6	.2	-	-	.1	-
South Atlantic	225	100.0	83.6	15.2	1.2	-	-	-	-
East South Central	216	100.0	71.7	25.3	3.0	-	-	-	-
Pacific, total	1,637	100.0	47.6	44.0	7.5	.1	.7	.1	-
Shipments to--									
Mountain	171	100.0	55.0	44.4	.6	-	-	-	-
Pacific	1,235	100.0	39.3	49.8	9.9	.1	.9	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	6,216	100.0	62.5	29.8	6.1	.1	1.0	.3	.2
Middle Atlantic, total	1,139	100.0	55.7	33.7	8.8	.1	1.4	.3	-
Shipments to--									
New England	61	100.0	38.8	31.3	29.7	-	-	.1	.1
Middle Atlantic	148	100.0	30.8	48.0	21.0	-	.1	.1	-
East North Central	169	100.0	49.7	43.6	6.1	.1	-	.5	-
West North Central	64	100.0	54.2	41.3	4.0	.3	-	.2	-
South Atlantic	247	100.0	65.5	26.7	7.5	.1	.1	.1	-
East South Central	100	100.0	63.5	24.2	12.1	-	-	.2	-
West South Central	143	100.0	64.7	31.5	3.5	-	-	.3	-
Pacific	151	100.0	52.0	36.1	1.1	.1	10.1	.6	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 063--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Converted Paper and Paperboard Products, Except Containers and Boxes

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	1,255	100.0	59.6	35.4	4.0	0.1	0.1	0.5	0.3
Shipments to--									
New England	41	100.0	43.8	42.0	13.6	.3	-	.3	-
Middle Atlantic	173	100.0	41.9	43.0	14.3	.1	-	.7	-
East North Central	264	100.0	47.7	47.1	4.5	-	-	.7	-
West North Central	137	100.0	52.5	43.4	2.8	.1	-	.7	.5
South Atlantic	166	100.0	69.7	28.1	1.7	-	-	.4	.1
East South Central	60	100.0	58.3	40.8	.6	.1	-	.2	-
West South Central	130	100.0	73.1	25.8	.8	-	-	.3	-
Pacific	250	100.0	75.9	21.6	-	.1	.6	.5	1.3
South Atlantic, total	792	100.0	55.8	34.2	8.5	.2	1.2	.1	-
Shipments to--									
Middle Atlantic	202	100.0	67.6	24.4	8.0	-	-	-	-
East North Central	189	100.0	54.8	40.1	5.1	-	-	-	-
South Atlantic	141	100.0	35.7	50.1	13.0	1.1	-	.1	-
East South Central, total	895	100.0	89.6	9.8	.4	-	-	.2	-
Shipments to--									
East North Central	225	100.0	88.3	11.4	.2	-	-	.1	-
South Atlantic	102	100.0	83.6	15.0	1.4	-	-	-	-
East South Central	41	100.0	78.6	19.0	2.4	-	-	-	-
Pacific, total	978	100.0	67.2	26.2	3.1	.1	3.2	.2	-
Shipments to--									
Mountain	128	100.0	60.4	39.4	.2	-	-	-	-
Pacific	456	100.0	51.9	34.7	6.5	.2	6.7	-	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 063--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	13,085	2,226	7,047	3,812	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	6,216	723	3,316	2,177
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	45.7	19.7	45.2	61.6	62.5	38.2	61.1	73.2
Motor carrier.....	39.0	46.7	41.1	30.7	29.8	44.2	31.0	23.1
Private truck.....	14.6	33.2	13.0	6.7	6.1	17.0	6.5	1.8
Air.....	.1	.1	.1	-	.1	.3	.1	-
Water.....	.3	-	.2	.7	1.0	.1	.8	1.5
Other.....	.2	.1	.3	.2	.3	.1	.3	.2
Unknown.....	.1	.2	.1	.1	.2	.1	.2	.2
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	17.5	28.8	16.1	13.5	1.9	5.0	1.7	1.2
100 to 199 miles.....	16.3	28.4	14.1	13.3	5.2	13.6	4.4	3.6
200 to 299 miles.....	13.0	11.6	15.4	9.5	6.9	8.9	8.1	4.3
300 to 399 miles.....	10.7	6.6	12.2	10.2	7.8	7.0	8.9	6.3
400 to 499 miles.....	7.2	2.7	8.5	7.4	6.8	3.7	8.1	5.8
500 to 999 miles.....	25.1	16.6	23.7	32.9	38.6	38.1	36.1	42.8
1,000 miles and over.....	10.2	5.3	10.0	13.2	32.8	23.7	32.7	36.0

Table 8. SHIPPER CLASS 063--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Converted Paper and Paperboard Products, Except Containers and Boxes

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	65.9	53.5	79.1	88.5
Highway facilities	91.3	93.0	89.9	84.7
Rail and highway facilities	57.8	46.5	70.3	75.1
Air facilities	81.5	80.4	82.6	84.3
Rail, highway, and air facilities	48.2	37.5	59.5	69.1
Water facilities	22.8	25.0	19.4	27.3
Rail, highway, air, and water facilities	11.1	7.2	14.9	21.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.4 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 064--Percent Distribution of Distance, by Means of Transport: 1967

Containers and Boxes and Similar Products

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	14,271	100.0	17.8	39.7	41.1	-	0.5	0.8	0.1
Under 50 miles	3,894	100.0	3.7	35.4	60.6	-	-	.3	-
50 to 99 miles	2,620	100.0	5.8	43.9	49.9	-	-	.3	.1
100 to 199 miles	3,138	100.0	16.8	41.6	41.1	-	-	.3	.2
200 to 299 miles	1,631	100.0	25.6	39.0	35.4	-	-	-	-
300 to 399 miles	627	100.0	26.9	53.6	19.4	0.1	-	-	-
400 to 499 miles	483	100.0	49.4	38.4	12.1	.1	-	-	-
500 to 599 miles	629	100.0	48.5	45.8	2.8	-	2.9	-	-
600 to 799 miles	612	100.0	44.0	37.9	16.6	.4	-	1.1	-
800 to 999 miles	260	100.0	57.1	33.6	8.3	.3	-	.7	-
1,000 to 1,499 miles	216	100.0	49.2	17.7	.4	.5	-	32.2	-
1,500 miles and over	161	100.0	39.2	17.7	8.1	.9	31.5	2.6	-
TON-MILES	(millions of ton-miles)								
Total	3,220	100.0	35.1	36.1	20.7	.3	4.5	3.3	-
Under 50 miles	106	100.0	3.1	36.7	60.0	-	-	.2	-
50 to 99 miles	188	100.0	6.2	43.5	50.0	-	-	.2	.1
100 to 199 miles	449	100.0	20.0	40.6	39.0	-	-	.3	.1
200 to 299 miles	415	100.0	25.5	38.3	36.2	-	-	-	-
300 to 399 miles	213	100.0	27.3	53.4	19.2	.1	-	-	-
400 to 499 miles	216	100.0	50.2	38.4	11.3	.1	-	-	-
500 to 599 miles	343	100.0	48.2	46.1	2.8	-	2.9	-	-
600 to 799 miles	423	100.0	44.8	37.9	15.6	.4	-	1.3	-
800 to 999 miles	230	100.0	57.2	33.7	8.1	.3	-	.7	-
1,000 to 1,499 miles	271	100.0	50.5	16.6	.4	.5	-	32.0	-
1,500 miles and over	366	100.0	35.3	17.6	6.4	1.1	36.7	2.9	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 064--Percent Distribution of Weight, by Means of Transport: 1967

Containers and Boxes and Similar Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	13,498	100.0	18.3	40.0	41.1	0.6
Under 1,000 pounds	386	100.0	1.2	63.4	34.4	1.0
Under 50 pounds	2	100.0	1.0	57.9	14.7	26.4
50 to 99 pounds	5	100.0	.6	74.8	20.3	4.3
100 to 199 pounds	19	100.0	1.3	75.8	19.7	3.2
200 to 499 pounds	116	100.0	1.9	64.4	32.8	.9
500 to 999 pounds	244	100.0	.8	61.9	36.7	.6
1,000 to 9,999 pounds	4,097	100.0	2.7	47.4	49.3	.6
1,000 to 1,999 pounds	549	100.0	1.6	51.7	46.1	.6
2,000 to 2,999 pounds	515	100.0	1.5	55.6	42.5	.4
3,000 to 3,999 pounds	474	100.0	1.1	46.7	51.1	1.1
4,000 to 4,999 pounds	423	100.0	2.8	47.3	49.6	.3
5,000 to 9,999 pounds	2,136	100.0	3.6	44.6	51.2	.6
10,000 to 29,999 pounds	5,075	100.0	7.9	44.9	46.5	.7
10,000 to 19,999 pounds	3,528	100.0	3.8	45.2	50.0	1.0
20,000 to 29,999 pounds	1,547	100.0	17.2	44.3	38.0	.5
30,000 to 59,999 pounds	2,890	100.0	40.3	27.6	31.4	.7
30,000 to 39,999 pounds	1,835	100.0	33.6	26.4	40.0	-
40,000 to 49,999 pounds	752	100.0	45.0	33.9	21.0	.1
50,000 to 59,999 pounds	303	100.0	69.5	19.1	6.1	5.3
60,000 to 89,999 pounds	442	100.0	83.7	5.3	11.0	-
60,000 to 69,999 pounds	267	100.0	73.7	8.1	18.2	-
70,000 to 79,999 pounds	113	100.0	98.5	1.5	-	-
80,000 to 89,999 pounds	62	100.0	100.0	-	-	-
90,000 pounds and over	608	100.0	68.5	18.9	12.6	-
	(millions of ton-miles)					
TON-MILES						
Total	2,866	100.0	36.3	38.5	21.9	3.3
Under 1,000 pounds	79	100.0	2.3	81.5	12.5	3.7
Under 50 pounds	1	100.0	1.9	55.4	4.5	38.2
50 to 99 pounds	2	100.0	.9	86.0	5.8	7.3
100 to 199 pounds	5	100.0	1.5	87.6	4.9	6.0
200 to 499 pounds	25	100.0	3.5	82.8	10.3	3.4
500 to 999 pounds	46	100.0	1.9	80.4	14.9	2.8
1,000 to 9,999 pounds	556	100.0	6.9	64.0	23.2	5.9
1,000 to 1,999 pounds	88	100.0	4.3	76.1	17.5	2.1
2,000 to 2,999 pounds	84	100.0	5.0	75.2	17.1	2.7
3,000 to 3,999 pounds	63	100.0	.7	62.8	23.9	12.6
4,000 to 4,999 pounds	56	100.0	7.7	66.8	22.0	3.5
5,000 to 9,999 pounds	265	100.0	9.7	56.2	27.1	7.0
10,000 to 29,999 pounds	839	100.0	15.7	46.2	32.2	5.9
10,000 to 19,999 pounds	475	100.0	8.7	48.4	37.3	5.6
20,000 to 29,999 pounds	364	100.0	24.8	43.4	25.5	6.3
30,000 to 59,999 pounds	936	100.0	49.4	27.8	21.9	.9
30,000 to 39,999 pounds	503	100.0	40.6	29.1	30.3	-
40,000 to 49,999 pounds	302	100.0	53.4	29.9	16.7	-
50,000 to 59,999 pounds	131	100.0	74.0	18.0	1.4	6.6
60,000 to 89,999 pounds	199	100.0	91.3	2.4	6.3	-
60,000 to 69,999 pounds	95	100.0	82.3	4.5	13.2	-
70,000 to 79,999 pounds	68	100.0	99.2	.8	-	-
80,000 to 89,999 pounds	36	100.0	100.0	-	-	-
90,000 pounds and over	257	100.0	87.5	11.8	.7	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 064--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Containers and Boxes and Similar Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	13,498	100.0	18.3	40.0	41.1	0.6
Under 200 miles	9,162	100.0	9.0	40.0	50.7	.3
Under 1,000 pounds	259	100.0	.5	51.2	47.8	.5
1,000 to 9,999 pounds	3,422	100.0	1.3	41.6	56.8	.3
10,000 to 29,999 pounds	3,898	100.0	4.4	43.7	51.4	.5
30,000 to 59,999 pounds	1,323	100.0	38.1	24.5	37.3	.1
60,000 to 89,999 pounds	103	100.0	76.3	17.4	6.3	-
90,000 pounds and over	157	100.0	14.0	37.2	48.8	-
200 to 399 miles	2,170	100.0	27.0	41.0	32.0	-
Under 1,000 pounds	70	100.0	2.2	89.3	8.0	.5
1,000 to 9,999 pounds	388	100.0	8.2	75.1	16.6	.1
10,000 to 29,999 pounds	733	100.0	15.9	45.2	38.9	-
30,000 to 59,999 pounds	722	100.0	34.8	24.2	41.0	-
60,000 to 89,999 pounds	138	100.0	67.6	2.0	30.4	-
90,000 pounds and over	119	100.0	77.3	22.7	-	-
400 to 599 miles	1,111	100.0	48.9	42.5	6.8	1.8
Under 1,000 pounds	28	100.0	3.0	89.3	6.6	1.1
1,000 to 9,999 pounds	120	100.0	12.4	81.2	3.9	2.5
10,000 to 29,999 pounds	221	100.0	21.4	66.2	12.4	-
30,000 to 59,999 pounds	432	100.0	39.5	47.0	9.8	3.7
60,000 to 89,999 pounds	95	100.0	99.0	1.0	-	-
90,000 pounds and over	215	100.0	100.0	-	-	-
600 to 999 miles	850	100.0	49.1	37.4	12.9	.6
Under 1,000 pounds	22	100.0	2.3	84.4	6.6	6.7
1,000 to 9,999 pounds	120	100.0	14.8	79.1	3.1	3.0
10,000 to 29,999 pounds	174	100.0	31.3	46.0	22.7	-
30,000 to 59,999 pounds	335	100.0	52.6	27.9	19.5	-
60,000 to 89,999 pounds	87	100.0	98.0	2.0	-	-
90,000 pounds and over	112	100.0	73.6	26.4	-	-
1,000 miles and over	205	100.0	48.7	30.0	6.6	14.7
Under 1,000 pounds	8	100.0	2.5	87.8	.4	9.3
1,000 to 9,999 pounds	47	100.0	4.6	68.8	1.1	25.5
10,000 to 29,999 pounds	48	100.0	20.5	39.1	4.4	36.0
30,000 to 59,999 pounds	78	100.0	81.9	4.0	14.1	-
60,000 to 89,999 pounds	18	100.0	100.0	-	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,866	100.0	36.3	38.5	21.9	3.3
Under 200 miles	692	100.0	15.1	40.6	44.0	.3
Under 1,000 pounds	17	100.0	.9	63.0	35.5	.6
1,000 to 9,999 pounds	213	100.0	2.0	47.8	50.1	.1
10,000 to 29,999 pounds	299	100.0	6.1	43.6	49.6	.7
30,000 to 59,999 pounds	148	100.0	49.4	23.0	27.5	.1
60,000 to 89,999 pounds	9	100.0	77.3	20.5	2.2	-
90,000 pounds and over	6	100.0	37.1	28.1	34.8	-
200 to 399 miles	604	100.0	27.1	41.5	31.4	-
Under 1,000 pounds	20	100.0	2.5	89.4	7.6	.5
1,000 to 9,999 pounds	109	100.0	7.6	76.7	15.6	.1
10,000 to 29,999 pounds	198	100.0	16.2	45.6	38.2	-
30,000 to 59,999 pounds	204	100.0	34.2	24.9	40.9	-
60,000 to 89,999 pounds	39	100.0	65.8	2.5	31.7	-
90,000 pounds and over	34	100.0	81.9	18.1	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 064--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Containers and Boxes and Similar Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	559	100.0	49.0	43.0	6.1	1.9
Under 1,000 pounds	14	100.0	3.0	89.1	6.8	1.1
1,000 to 9,999 pounds	59	100.0	12.5	81.1	3.7	2.7
10,000 to 29,999 pounds	112	100.0	20.1	68.0	11.9	-
30,000 to 59,999 pounds	213	100.0	39.1	48.6	8.3	4.0
60,000 to 89,999 pounds	46	100.0	98.9	1.1	-	-
90,000 pounds and over	115	100.0	100.0	-	-	-
600 to 999 miles	637	100.0	50.3	37.1	12.0	.6
Under 1,000 pounds	16	100.0	2.4	83.5	6.9	7.2
1,000 to 9,999 pounds	91	100.0	15.6	78.3	2.8	3.3
10,000 to 29,999 pounds	131	100.0	31.5	46.3	22.2	-
30,000 to 59,999 pounds	248	100.0	55.4	27.1	17.5	-
60,000 to 89,999 pounds	62	100.0	97.5	2.5	-	-
90,000 pounds and over	89	100.0	74.8	25.2	-	-
1,000 miles and over	374	100.0	47.4	25.6	6.3	20.7
Under 1,000 pounds	12	100.0	3.5	83.8	.8	11.9
1,000 to 9,999 pounds	85	100.0	5.0	61.4	.8	32.8
10,000 to 29,999 pounds	98	100.0	17.7	30.2	3.4	48.7
30,000 to 59,999 pounds	122	100.0	80.5	3.7	15.8	-
60,000 to 89,999 pounds	44	100.0	100.0	-	-	-
90,000 pounds and over	13	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 064--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Containers and Boxes and Similar Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	14,271	100.0	17.8	39.7	41.1	-	0.5	0.8	0.1
New England	1,016	100.0	8.8	39.3	41.7	-	2.4	7.8	-
Middle Atlantic	2,526	100.0	18.7	27.8	53.4	0.1	-	-	-
East North Central	4,109	100.0	12.2	50.3	36.6	-	-	.7	.2
West North Central	1,570	100.0	33.7	44.7	21.4	.1	-	-	.1
South Atlantic	1,693	100.0	28.9	40.7	30.3	-	-	.1	-
East South Central	1,229	100.0	6.8	15.2	78.0	-	-	-	-
West South Central	630	100.0	17.9	18.3	63.8	-	-	-	-
Mountain[1]	6	-	-	-	-	-	-	-	-
Pacific[2]	1,492	100.0	17.2	53.9	25.7	.1	3.0	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	3,220	100.0	35.1	36.1	20.7	.3	4.5	3.3	-
New England	380	100.0	24.3	27.0	5.2	-	17.2	26.3	-
Middle Atlantic	469	100.0	45.0	33.3	21.4	.2	-	.1	-
East North Central	669	100.0	35.1	41.7	22.5	.2	-	.4	.1
West North Central	340	100.0	52.8	35.6	11.2	.4	-	-	-
South Atlantic	531	100.0	44.0	43.0	12.4	.1	-	.5	-
East South Central	285	100.0	12.4	19.5	68.0	.1	-	-	-
West South Central	119	100.0	26.0	25.0	49.0	-	-	-	-
Mountain[1]	3	-	-	-	-	-	-	-	-
Pacific[2]	424	100.0	26.1	44.6	9.5	.9	18.6	.3	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 064--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Containers and Boxes and Similar Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	14,271	14,271	786	2,530	4,670	1,418	1,420	882	873	225	1,467
Ton-miles.....millions..	3,220	3,220	108	413	650	321	319	225	407	145	632
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	14,271	100.0	5.5	17.7	32.7	9.9	10.0	6.2	6.1	1.6	10.3
Shipments from-											
New England.....	1,016	100.0	56.7	15.5	1.7	.1	9.8	.1	12.0	-	4.1
Middle Atlantic.....	2,526	100.0	4.7	75.3	9.9	.5	7.3	.6	.3	.2	1.2
East North Central.....	4,109	100.0	.3	4.8	82.7	5.0	2.2	2.0	1.5	.3	1.2
West North Central.....	1,570	100.0	-	1.8	22.6	66.4	1.4	1.2	3.7	1.5	1.4
South Atlantic.....	1,693	100.0	4.5	10.9	6.1	1.7	54.1	16.7	5.8	.1	.1
East South Central.....	1,229	100.0	-	4.8	44.5	4.9	8.4	36.2	1.2	-	-
West South Central.....	630	100.0	-	-	.4	10.3	.6	6.0	80.9	1.8	-
Mountain[2].....	6	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	1,492	100.0	-	-	-	.2	-	-	.2	11.1	88.5
TON-MILES	(millions)										
U.S. total.....	3,220	100.0	3.4	12.8	20.2	10.0	9.9	7.0	12.6	4.5	19.6
Shipments from--											
New England.....	380	100.0	7.5	6.4	3.6	.4	12.1	.1	41.1	.1	28.7
Middle Atlantic.....	469	100.0	4.5	36.2	24.1	2.3	10.7	2.3	2.0	2.2	15.7
East North Central.....	669	100.0	1.4	12.9	40.5	12.2	6.2	3.3	8.0	2.2	13.3
West North Central.....	340	100.0	.1	8.3	19.9	41.9	5.1	2.0	8.6	4.8	9.3
South Atlantic.....	531	100.0	9.2	13.1	9.8	4.5	25.5	23.0	13.5	.4	1.0
East South Central.....	285	100.0	.1	11.5	45.6	11.9	9.1	18.8	2.9	-	.1
West South Central.....	119	100.0	-	-	2.1	19.0	2.3	6.6	62.1	7.9	-
Mountain[2].....	3	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	424	100.0	-	.1	.1	1.0	-	.1	1.1	21.3	76.3

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 064--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Containers and Boxes and Similar Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	14,271	100.0	17.8	39.7	41.1	-	0.5	0.8	0.1
Middle Atlantic, total	2,526	100.0	18.7	27.8	53.4	0.1	-	-	-
Shipments to--									
New England	120	100.0	26.6	42.3	31.1	-	-	-	-
Middle Atlantic	1,902	100.0	13.5	23.8	62.7	-	-	-	-
East North Central	249	100.0	45.1	39.0	15.6	.3	-	-	-
South Atlantic	185	100.0	17.1	39.9	42.8	.2	-	-	-
East North Central, total	4,109	100.0	12.2	50.3	36.6	-	-	.7	.2
Shipments to--									
Middle Atlantic	199	100.0	49.2	27.4	23.2	.2	-	-	-
East North Central	3,396	100.0	6.3	52.1	40.6	-	-	.8	.2
West North Central	206	100.0	37.3	51.4	11.3	-	-	-	-
West North Central, total	1,570	100.0	33.7	44.7	21.4	.1	-	-	.1
Shipments to--									
West North Central	1,042	100.0	33.8	41.7	24.4	-	-	-	.1
South Atlantic, total	1,693	100.0	28.9	40.7	30.3	-	-	.1	-
Shipments to--									
Middle Atlantic	184	100.0	27.3	59.7	13.0	-	-	-	-
South Atlantic	916	100.0	12.8	41.7	45.3	-	-	.1	.1
TON-MILES	(millions of ton-miles)					-			
U.S. total	3,220	100.0	35.1	36.1	20.7	.3	4.5	3.3	-
Middle Atlantic, total	469	100.0	45.0	33.3	21.4	.2	-	.1	-
Shipments to--									
New England	21	100.0	35.4	47.4	17.2	-	-	-	-
Middle Atlantic	170	100.0	29.5	27.1	43.4	-	-	-	-
East North Central	113	100.0	46.6	42.9	10.2	.3	-	-	-
South Atlantic	50	100.0	41.9	38.7	18.9	.5	-	-	-
East North Central, total	669	100.0	35.1	41.7	22.5	.2	-	.4	.1
Shipments to--									
Middle Atlantic	87	100.0	65.4	27.0	7.3	.3	-	-	-
East North Central	270	100.0	9.7	53.8	35.5	-	-	.7	.3
West North Central	81	100.0	39.5	50.4	10.1	-	-	-	-
West North Central, total	340	100.0	52.8	35.6	11.2	.4	-	-	-
Shipments to--									
West North Central	142	100.0	49.3	38.0	12.7	-	-	-	-
South Atlantic, total	531	100.0	44.0	43.0	12.4	.1	-	.5	-
Shipments to--									
Middle Atlantic	70	100.0	31.3	63.7	4.9	.1	-	-	-
South Atlantic	135	100.0	23.4	50.3	25.9	-	-	.4	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 064--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Containers and Boxes and Similar Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	14,271	2,947	9,403	1,921	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	3,220	831	1,556	833
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	17.8	5.1	16.3	44.7	35.1	13.6	34.9	56.7
Motor carrier.....	39.7	32.6	40.8	45.5	36.1	29.7	39.9	35.6
Private truck.....	41.1	57.7	42.5	9.3	20.7	30.5	22.9	6.9
Air.....	-	-	-	.2	.3	.4	.1	.4
Water.....	.5	1.9	.1	-	4.5	13.8	1.9	-
Other.....	.8	2.7	.3	.1	3.3	12.0	.3	.3
Unknown.....	.1	-	-	.2	-	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	45.7	37.7	54.3	15.2	9.1	6.0	14.8	1.7
100 to 199 miles.....	22.0	21.2	24.2	12.4	14.0	10.7	21.0	4.0
200 to 299 miles.....	11.4	19.4	8.4	14.2	12.9	18.1	12.8	7.8
300 to 399 miles.....	4.4	4.2	3.8	7.6	6.6	5.1	7.8	6.0
400 to 499 miles.....	3.4	2.2	2.1	11.5	6.7	3.4	5.8	11.7
500 to 999 miles.....	10.5	8.9	6.1	34.6	30.9	19.3	25.6	52.6
1,000 miles and over.....	2.6	6.4	1.1	4.5	19.8	37.4	12.2	16.2

Table 8. SHIPPER CLASS 064--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Containers and Boxes and Similar Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	66.2	52.7	80.5	83.5
Highway facilities.....	93.4	93.1	93.7	92.3
Rail and highway facilities.....	60.0	45.8	74.9	80.2
Air facilities.....	70.7	67.9	74.3	63.7
Rail, highway, and air facilities.....	47.3	36.7	59.2	50.5
Water facilities.....	17.3	13.8	20.8	27.5
Rail, highway, air, and water facilities.	11.7	9.2	14.5	15.4

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.0 percent reported they did not have any of the above transportation facilities available.

Shipper Group 7

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

071 Basic inorganic chemicals, industrial gases, dyes, and pigments

072 Miscellaneous industrial chemicals

073 Plastics materials and synthetic resins, rubber, and fibers

SAMPLE SIZE

The sample for this shipper group consisted of 522 establishments, of which 484 were in scope and provided data from 59,557 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (38 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 07 and their related SIC industries are as follows:

Shipper Class 071.--Basic inorganic chemicals, industrial gases, dyes and pigments
- SIC 2812.--Alkalies and chlorine
- SIC 2813.--Industrial gases
- SIC 2815.--Cyclic intermediates, dyes, organic pigments (lakes and toners), and cyclic (coal tar) crudes
- SIC 2816.--Inorganic pigments
- SIC 2895.--Carbon black

Shipper Class 072.--Miscellaneous industrial chemicals
- SIC 2818.--Industrial organic chemicals, n.e.c.
- SIC 2819.--Industrial inorganic chemicals, n.e.c.

Shipper Class 073.--Plastics materials and synthetic resins, rubber, and fibers
- SIC 2821.--Plastics materials, synthetic resins, and nonvulcanizable elastomers
- SIC 2822.--Synthetic rubber (vulcanizable elastomers)
- SIC 2823.--Cellulosic man-made fibers
- SIC 2824.--Synthetic organic fibers, except cellulosic

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
071--Basic inorganic chemicals, industrial gases, dyes, and pigments	2812 (part),2813,2814, 2815,2816	2812,2813,2815,2816, 2895
072--Miscellaneous industrial chemicals	2812 (part),2818,2819	2818,2819
073--Plastics materials and synthetic resins, rubber, and fibers	2821	2821,2822,2823,2824

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 58 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 07	97,619	100.0	58.4	41.6
Class 071	29,247	100.0	75.8	24.2
Class 072	56,115	100.0	47.9	52.1
Class 073	12,257	100.0	64.5	35.5

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Basic Chemicals, plastics Materials, Synthetic Resins, Rubber, and Fibers Shipper Group shipped (beyond the local area) about 97,619,000 tons of commodities during 1967. Those shipments generated about 43.7 billion ton-miles by all means of transport combined, averaging about 447 straight-line miles per ton shipped.

As shown in table A, the Miscellaneous Industrial Chemicals Shipper Class dominated this group, shipping 57 percent of the total tons; the Basic Inorganic Chemicals Shipper Class accounted for 30 percent, and the Plastics Materials Shipper Class accounted for the balance of 13 percent.

Rails were the dominant means of transport for the shipper group and for each of the shipper classes except Plastics Materials. The rail share ranged from 36 to 55 percent. Motor carriers were the second most important means of transport and their share ranged from 22 to 52 percent.

When measured in terms of ton-miles, rather than tons, rails becomes the principal means of transport for the shipper group and all shipper classes because of longer hauls. Of the 44 billion ton-miles for the shipper group, rails accounts for 28 billion, motor carriers 7 billion, private truck 1 billion, and other transport (almost entirely water) accounts for 7 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 7 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers Shipper Group and each of the shipper classes for both years. An increase for the shipper group is indicated in the table, from 74.2 million tons in 1963 to 97.6 million tons in 1967. Increases are also shown for each of the shipper classes.

As shown in table C, the relative distribution of tons between means of transport remains stable in the two years for the shipper group, and for most of the shipper classes. Basic Inorganic Chemicals (Shipper Class 071) is the exception, showing a shift of about 8 percent from rail to motor carrier in 1967.

The length of haul for each means of transport in 1967 tends to be similar to that shown for 1963 for the shipper group as a whole, as shown in table D. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 07: Basic chemicals, plastics materials, synthetic resins, rubber, and fibers	97,619	51,174	25,749	9,207	11,489
Shipper Classes:					
071. Basic inorganic chemicals, industrial gases, dyes, and pigments.....	29,247	15,836	6,850	2,932	3,629
072. Miscellaneous industrial chemicals.....	56,115	30,954	12,582	4,922	7,657
073. Plastics materials and synthetic resins, rubber, and fibers.....	12,257	4,385	6,317	1,353	202
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 07: Basic chemicals, plastics materials, synthetic resins, rubber, and fibers	43,662	28,026	7,298	1,306	7,032
Shipper Classes:					
071. Basic inorganic chemicals, industrial gases, dyes, and pigments.....	12,407	7,905	2,429	369	1,704
072. Miscellaneous industrial chemicals.....	25,224	16,763	2,786	548	5,127
073. Plastics materials and synthetic resins, rubber, and fibers.....	6,031	3,358	2,083	389	201

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 07: Basic chemicals, plastics materisls, synthetic resins, rubber, and fibers.....	97,619	74,242	79,916
Shipper Classes:			
071. Basic inorganic chemicals, industrial gases, dyes, and pigments.....	29,247	23,339	27,559
072. Miscellaneous industrial chemicals.....	56,115	41,519	42,886
073. Plastics materials and synthetic resins, rubber, and fibers.....	12,257	9,384	9,471

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 07: Basic chemicals, plastics materials, synthetic resins, rubber, and fibers:					
1967	100.0	52.4	26.4	9.4	11.8
1963	100.0	54.2	23.4	9.5	12.9
Shipper Classes					
071. Basic inorganic chemicals, industrial gases, dyes, and pigments:					
1967	100.0	54.2	23.4	10.0	12.4
1963	100.0	61.7	14.7	13.5	10.1
072. Miscellaneous industrial chemicals:					
1967	100.0	55.2	22.4	8.8	13.6
1963	100.0	53.7	22.9	6.5	16.9
073. Plastics materials and synthetic resins, rubber, and fibers:					
1967	100.0	35.8	51.6	11.0	1.6
1963	100.0	34.0	51.5	11.8	2.7
TON-MILES					
Shipper Group 07: Basic chemicals, plastics materials, synthetic resins, rubber, and fibers:					
1967	100.0	64.2	16.7	3.0	16.1
1963	100.0	61.8	13.8	3.7	20.7
Shipper Classes					
071. Basic inorganic chemicals, industrials gases, dyes, and pigments:					
1967	100.0	63.7	19.6	3.0	13.7
1963	100.0	62.6	9.2	5.8	22.4
072. Miscellaneous industrial chemicals:					
1967	100.0	66.5	11.0	2.2	20.3
1963	100.0	63.6	11.1	2.1	23.2
073. Plastics materials and synthetic resins, rubber, and fibers:					
1967	100.0	55.7	34.5	6.4	3.4
1963	100.0	51.9	36.6	6.7	4.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 07: Basic chemicals, plastics materials, synthetic resins, rubber, and fibers:				
1967	447	548	283	142
1963	455	519	269	177
SHIPPER CLASSES				
071. Basic inorganic chemicals, industrial gases, dyes, and pigments:				
1967	424	499	355	126
1963	364	369	228	156
072. Miscellaneous industrial chemicals:				
1967	450	542	222	111
1963	508	602	246	164
073. Plastics materials and synthetic resins, rubber, and fibers:				
1967	492	766	330	288
1963	481	735	342	273

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 07: Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	50.7	26.8	9.7	12.8
1963	100.0	57.1	27.1	6.1	9.7
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	35.0	34.7	19.0	11.3
1963	100.0	38.5	43.4	10.9	7.2
200 to 399 miles:					
1967	100.0	56.3	27.6	4.6	11.5
1963	100.0	68.8	20.2	4.0	7.0
400 to 599 miles:					
1967	100.0	69.2	22.0	5.7	3.1
1963	100.0	67.7	25.5	5.4	1.4
600 to 999 miles:					
1967	100.0	61.0	24.1	1.5	13.4
1963	100.0	59.8	15.5	2.8	21.9
1,000 miles and over:					
1967	100.0	65.7	5.8	.6	27.9
1963	100.0	68.3	9.4	1.7	20.6
WEIGHT					
Under 1,000 pounds:					
1967	100.0	1.7	78.8	13.8	5.7
1963	100.0	1.0	78.5	16.7	3.8
1,000 to 9,999 pounds:					
1967	100.0	1.6	70.2	26.7	1.5
1963	100.0	2.1	69.1	27.4	1.4
10,000 to 29,999 pounds:					
1967	100.0	3.9	61.3	33.7	1.1
1963	100.0	3.3	70.9	24.9	.9
30,000 to 59,999 pounds:					
1967	100.0	11.9	65.2	21.8	1.1
1963	100.0	18.4	68.0	12.4	1.2
60,000 to 89,999 pounds:					
1967	100.0	85.9	10.6	2.1	1.4
1963	100.0	94.5	4.7	.5	.3
90,000 pounds and over:					
1967	100.0	72.1	3.6	1.3	23.0
1963	100.0	73.9	3.8	.1	22.2

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 07: Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	52.4	26.4	9.4	11.8
1963	100.0	54.2	23.4	9.5	12.9
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	78.3	12.5	8.9	.3
20 to 99 employees:					
1967	100.0	45.0	26.7	24.6	3.7
1963	100.0	24.6	33.8	37.8	3.8
100 to 499 employees:					
1967	100.0	53.2	30.3	8.2	8.3
1963	100.0	52.2	23.7	8.5	15.6
500 employees and over:					
1967	100.0	55.0	23.1	4.0	17.9
1963	100.0	58.4	22.5	3.9	15.2

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 07: Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	52.4	26.4	9.4	11.8
1963	100.0	54.2	23.4	9.5	12.9
Middle Atlantic:					
1967	100.0	43.7	31.9	16.5	7.9
1963	100.0	44.8	40.2	9.3	5.7
East North Central:					
1967	100.0	55.1	24.9	12.8	7.2
1963	100.0	59.0	23.1	15.6	2.3
South Atlantic:					
1967	100.0	49.3	28.8	13.7	8.2
1963	100.0	52.5	25.7	9.5	12.3
East South Central:					
1967	100.0	66.7	18.7	5.5	9.1
1963	100.0	68.9	19.0	7.7	4.4
West South Central:					
1967	100.0	57.0	12.7	3.7	26.6
1963	100.0	51.5	12.0	2.2	34.3

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 07: BASIC CHEMICALS, PLASTICS MATERIALS, SYNTHETIC RESINS, RUBBER, AND FIBERS		
Total shipments	97,619	5.4
Shipments by--		
Rail	51,174	7.8
Motor carrier	25,749	6.0
Private truck	9,207	14.4
All other	11,489	-
Shipments from--		
New England Division	3,364	9.4
Middle Atlantic Division	13,902	21.4
East North Central Division	16,254	9.6
West North Central Division	1,682	47.0
South Atlantic Division	16,755	22.0
East South Central Division	11,807	31.8
West South Central Division	24,607	13.6
Mountain Division	2,562	42.2
Pacific Division	6,686	23.8
SHIPPER CLASS 071: BASIC INORGANIC CHEMICALS, INDUSTRIAL GASSES, DYES, AND PIGMENTS		
Total shipments	29,247	4.8
Shipments by--		
Rail	15,836	5.8
Motor carrier	6,850	6.2
Private truck	2,932	16.0
All other	3,629	-
Shipments from--		
Middle Atlantic Division	4,577	16.0
East North Central Division	7,270	10.4
West North Central Division	524	29.8
South Atlantic Division	5,393	12.8
West South Central Division	5,563	16.4
Pacific Division	1,701	21.0
Balance of United States	4,219	-
SHIPPER CLASS 072: MISCELLANEOUS INDUSTRIAL CHEMICALS		
Total shipments	56,115	9.2
Shipments by--		
Rail	30,954	13.0
Motor carrier	12,582	12.2
Private truck	4,922	21.0
All other	7,657	-
Shipments from--		
Middle Atlantic Division	7,138	40.2
East North Central Division	6,269	22.0
West North Central Division	1,082	73.0
South Atlantic Division	9,314	40.2
East South Central Division	8,988	42.8
West South Central Division	17,322	17.4
Pacific Division	4,110	40.2
Balance of United States	1,892	-
SHIPPER CLASS 073: PLASTICS MATERIALS AND SYNTHETIC RESINS, RUBBER, AND FIBERS		
Total shipments	12,257	5.0
Shipments by--		
Rail	4,385	9.2
Motor carrier	6,317	5.8
Private truck	1,353	11.2
All other	202	-
Shipments from--		
New England Division	1,085	27.0
Middle Atlantic Division	2,187	6.4
East North Central Division	2,716	10.0
South Atlantic Division	2,048	6.6
East South Central Division	1,549	11.2
West South Central Division	1,722	21.6
Pacific Division	875	27.4
Balance of United States	75	-

TABLE 1. SHIPPER GROUP 07--Percent Distribution of Distance, by Means of Transport: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	97,619	100.0	52.4	26.4	9.4	-	11.3	0.4	0.1
Under 50 miles	13,186	100.0	20.8	41.4	22.9	-	13.9	.8	.2
50 to 99 miles	11,172	100.0	35.5	26.9	23.9	-	3.2	.4	.1
100 to 199 miles	14,782	100.0	48.9	26.7	11.7	-	11.8	.5	.4
200 to 299 miles	11,982	100.0	57.7	28.7	5.1	-	7.7	.7	.1
300 to 399 miles	9,544	100.0	59.0	24.5	3.8	-	12.5	.2	-
400 to 499 miles	6,585	100.0	71.7	22.5	3.6	-	1.9	.3	-
500 to 599 miles	3,685	100.0	65.5	22.6	8.2	-	3.7	-	-
600 to 799 miles	9,285	100.0	64.4	27.7	1.4	-	6.3	.1	.1
800 to 999 miles	5,315	100.0	62.0	14.7	1.5	0.1	21.6	.1	-
1,000 to 1,199 miles	3,361	100.0	84.6	9.5	1.3	-	4.6	-	-
1,200 to 1,499 miles	3,425	100.0	54.3	6.0	.4	-	38.9	.3	.1
1,500 to 1,999 miles	4,261	100.0	64.2	3.3	.2	-	32.3	-	-
2,000 miles and over	1,036	100.0	82.0	10.0	.4	.2	7.2	.2	-
TON-MILES	(millions of ton-miles)								
Total	43,662	100.0	64.2	16.7	3.0	-	15.8	.2	.1
Under 50 miles	364	100.0	23.7	39.4	23.4	-	12.5	.8	.2
50 to 99 miles	779	100.0	35.6	36.7	24.5	-	2.7	.4	.1
100 to 199 miles	2,172	100.0	49.6	26.8	11.3	-	11.4	.4	.5
200 to 299 miles	2,987	100.0	57.5	28.2	5.0	-	8.4	.8	.1
300 to 399 miles	3,279	100.0	58.6	24.7	3.8	-	12.7	.2	-
400 to 499 miles	2,939	100.0	71.3	22.6	3.7	-	2.1	.3	-
500 to 599 miles	2,028	100.0	65.8	22.7	7.9	-	3.6	-	-
600 to 799 miles	6,474	100.0	65.3	26.9	1.3	-	6.3	.1	.1
800 to 999 miles	4,669	100.0	62.5	14.7	1.5	.1	21.1	.1	-
1,000 to 1,199 miles	3,710	100.0	84.9	9.3	1.3	-	4.5	-	-
1,200 to 1,499 miles	4,670	100.0	54.1	5.9	.4	-	39.2	.3	.1
1,500 to 1,999 miles	7,182	100.0	66.0	3.2	.2	-	30.6	-	-
2,000 miles and over	2,409	100.0	80.8	9.7	.4	.2	8.6	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 07--Percent Distribution of Weight, by Means of Transport: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	87,506	100.0	50.7	26.8	9.7	12.3	0.5
Under 1,000 pounds	241	100.0	1.7	78.8	13.8	.5	5.2
Under 50 pounds	6	100.0	3.5	47.4	7.6	.6	40.9
50 to 99 pounds	8	100.0	2.5	72.5	9.1	.3	15.6
100 to 199 pounds	19	100.0	1.8	76.1	11.1	.2	10.8
200 to 499 pounds	77	100.0	1.1	81.8	12.4	.5	4.2
500 to 999 pounds	131	100.0	1.9	79.2	15.6	.5	2.8
1,000 to 9,999 pounds	2,322	100.0	1.6	70.2	26.7	.6	.9
1,000 to 1,999 pounds	215	100.0	1.1	78.3	18.0	.6	2.0
2,000 to 2,999 pounds	313	100.0	2.3	76.1	20.3	.5	.8
3,000 to 3,999 pounds	238	100.0	1.0	73.1	24.6	.6	.7
4,000 to 4,999 pounds	255	100.0	1.6	67.0	28.5	1.1	1.8
5,000 to 9,999 pounds	1,301	100.0	1.7	67.5	29.7	.5	.6
10,000 to 29,999 pounds	5,055	100.0	3.9	61.3	33.7	.5	.6
10,000 to 19,999 pounds	1,790	100.0	4.1	53.6	41.1	.6	.6
20,000 to 29,999 pounds	3,265	100.0	3.7	65.7	29.6	.4	.6
30,000 to 59,999 pounds	24,331	100.0	11.9	65.2	21.8	.3	.8
30,000 to 39,999 pounds	8,512	100.0	4.0	70.9	24.2	.3	.6
40,000 to 49,999 pounds	11,980	100.0	5.6	70.6	22.7	.3	.8
50,000 to 59,999 pounds	3,839	100.0	48.7	36.2	13.8	.3	1.0
60,000 to 89,999 pounds	8,970	100.0	85.9	10.6	2.1	.4	1.0
60,000 to 69,999 pounds	2,670	100.0	80.1	15.8	1.9	.3	1.9
70,000 to 79,999 pounds	2,876	100.0	85.5	9.5	3.4	.5	1.1
80,000 to 89,999 pounds	3,424	100.0	90.6	7.6	1.1	.5	.2
90,000 pounds and over	46,587	100.0	72.1	3.6	1.3	22.8	.2
TON-MILES	(millions of ton-miles)						
Total	38,677	100.0	61.9	16.9	3.1	17.8	.3
Under 1,000 pounds	106	100.0	4.4	79.4	3.0	1.4	11.8
Under 50 pounds	3	100.0	5.9	39.2	1.2	.1	53.6
50 to 99 pounds	4	100.0	6.7	59.6	2.1	.9	30.7
100 to 199 pounds	10	100.0	3.8	68.5	2.0	1.0	24.7
200 to 499 pounds	33	100.0	2.4	86.6	2.5	.2	8.3
500 to 999 pounds	56	100.0	5.4	80.6	3.7	2.3	8.0
1,000 to 9,999 pounds	893	100.0	4.2	86.6	6.7	1.2	1.3
1,000 to 1,999 pounds	83	100.0	4.6	85.1	5.1	1.1	4.1
2,000 to 2,999 pounds	133	100.0	5.7	87.6	4.6	.6	1.5
3,000 to 3,999 pounds	94	100.0	2.7	87.7	6.1	1.9	1.6
4,000 to 4,999 pounds	93	100.0	4.2	86.9	6.3	1.7	.9
5,000 to 9,999 pounds	490	100.0	3.9	86.4	7.7	1.2	.8
10,000 to 29,999 pounds	1,529	100.0	10.9	69.0	15.2	4.2	.7
10,000 to 19,999 pounds	473	100.0	13.1	66.3	17.9	2.3	.4
20,000 to 29,999 pounds	1,056	100.0	9.9	70.4	14.0	5.0	.7
30,000 to 59,999 pounds	6,376	100.0	23.8	61.9	12.1	1.5	.7
30,000 to 39,999 pounds	2,780	100.0	8.8	77.8	11.7	1.2	.5
40,000 to 49,999 pounds	2,484	100.0	17.2	63.6	16.6	1.9	.7
50,000 to 59,999 pounds	1,112	100.0	76.3	18.0	3.0	1.7	1.0
60,000 to 89,999 pounds	5,034	100.0	92.3	5.9	.5	1.0	.3
60,000 to 69,999 pounds	1,504	100.0	91.2	7.1	.4	.7	.6
70,000 to 79,999 pounds	1,442	100.0	90.5	7.3	.7	1.2	.3
80,000 to 89,999 pounds	2,088	100.0	94.1	4.2	.4	1.1	.2
90,000 pounds and over	24,739	100.0	71.1	1.5	.4	26.9	.1

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 07--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	87,506	100.0	50.7	26.8	9.7	12.3	0.5
Under 200 miles	35,899	100.0	35.0	34.7	19.0	10.5	.8
Under 1,000 pounds	102	100.0	.1	68.0	28.8	.6	2.5
1,000 to 9,999 pounds	1,053	100.0	.3	46.5	51.7	.8	.7
10,000 to 29,999 pounds	2,637	100.0	.9	45.8	52.3	.3	.7
30,000 to 59,999 pounds	14,327	100.0	6.5	63.1	29.6	.1	.7
60,000 to 89,999 pounds	2,338	100.0	67.7	22.5	6.4	.2	3.2
90,000 pounds and over	15,442	100.0	65.1	7.3	3.2	24.1	.3
200 to 399 miles	19,036	100.0	56.3	27.6	4.6	11.0	.5
Under 1,000 pounds	49	100.0	.5	92.5	3.8	-	3.2
1,000 to 9,999 pounds	388	100.0	.8	86.0	12.1	.1	1.0
10,000 to 29,999 pounds	1,149	100.0	2.3	80.7	16.5	-	.5
30,000 to 59,999 pounds	4,704	100.0	12.0	73.8	12.8	-	1.4
60,000 to 89,999 pounds	2,011	100.0	87.8	11.1	1.0	-	.1
90,000 pounds and over	10,735	100.0	77.6	2.3	.1	19.6	.4
400 to 599 miles	9,037	100.0	69.2	22.0	5.7	2.9	.2
Under 1,000 pounds	31	100.0	3.1	89.7	3.2	.1	3.9
1,000 to 9,999 pounds	200	100.0	5.0	88.4	5.5	.3	.8
10,000 to 29,999 pounds	519	100.0	7.5	78.2	14.0	-	.3
30,000 to 59,999 pounds	1,873	100.0	22.3	60.1	17.1	.1	.4
60,000 to 89,999 pounds	1,301	100.0	92.1	6.8	1.1	-	-
90,000 pounds and over	5,113	100.0	89.7	3.1	1.9	5.1	.2
600 to 999 miles	12,991	100.0	61.0	24.1	1.5	13.3	.1
Under 1,000 pounds	34	100.0	3.5	85.2	3.1	-	8.2
1,000 to 9,999 pounds	571	100.0	1.7	94.6	2.8	.1	.8
10,000 to 29,999 pounds	570	100.0	10.1	79.7	10.0	-	.2
30,000 to 59,999 pounds	2,647	100.0	21.6	73.7	4.4	.1	.2
60,000 to 89,999 pounds	1,934	100.0	96.7	3.1	-	-	.2
90,000 pounds and over	7,235	100.0	74.8	1.3	-	23.9	-
1,000 miles and over	10,543	100.0	65.7	5.8	.6	27.8	.1
Under 1,000 pounds	25	100.0	6.7	73.0	.4	1.8	18.1
1,000 to 9,999 pounds	110	100.0	10.8	81.1	1.4	3.4	3.3
10,000 to 29,999 pounds	180	100.0	27.4	56.7	3.8	9.9	2.2
30,000 to 59,999 pounds	780	100.0	50.6	35.5	5.5	7.7	.7
60,000 to 89,999 pounds	1,386	100.0	92.9	4.3	-	2.4	.4
90,000 pounds and over	8,062	100.0	64.2	.8	.1	34.9	-
TON-MILES	(millions of ton-miles)						
Total[1]	38,677	100.0	61.9	16.9	3.1	17.8	.3
Under 200 miles	2,955	100.0	42.5	30.7	15.9	10.0	.9
Under 1,000 pounds	8	100.0	.1	79.8	17.3	.5	2.3
1,000 to 9,999 pounds	72	100.0	.4	60.3	38.1	.6	.6
10,000 to 29,999 pounds	189	100.0	1.4	51.3	46.4	.2	.7
30,000 to 59,999 pounds	1,076	100.0	9.2	61.6	28.3	-	.9
60,000 to 89,999 pounds	215	100.0	72.6	19.5	4.4	.4	3.1
90,000 pounds and over	1,395	100.0	71.5	4.1	2.9	21.1	.4
200 to 399 miles	5,531	100.0	56.1	27.0	4.4	12.0	.5
Under 1,000 pounds	14	100.0	.5	93.1	3.2	-	3.2
1,000 to 9,999 pounds	110	100.0	2.9	88.6	6.5	.1	1.9
10,000 to 29,999 pounds	331	100.0	.6	82.6	16.4	-	.4
30,000 to 59,999 pounds	1,325	100.0	12.1	74.0	12.6	-	1.3
60,000 to 89,999 pounds	594	100.0	87.7	11.1	1.1	-	.1
90,000 pounds and over	3,157	100.0	76.2	2.3	.1	21.1	.3

See footnote at end of table.

TABLE 3. SHIPPER GROUP 07--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	4,365	100.0	68.8	22.1	5.9	3.0	0.2
Under 1,000 pounds	15	100.0	2.9	89.7	3.2	.1	4.1
1,000 to 9,999 pounds	98	100.0	5.1	88.5	5.4	.2	.8
10,000 to 29,999 pounds	254	100.0	7.7	77.7	14.3	-	.3
30,000 to 59,999 pounds	911	100.0	22.5	59.6	17.4	.1	.4
60,000 to 89,999 pounds	643	100.0	92.0	6.8	1.2	-	-
90,000 pounds and over	2,444	100.0	89.2	3.2	2.0	5.4	.2
600 to 999 miles	9,927	100.0	61.7	22.8	1.4	14.0	.1
Under 1,000 pounds	25	100.0	3.5	84.9	2.9	-	8.7
1,000 to 9,999 pounds	423	100.0	1.7	94.6	2.8	.1	.8
10,000 to 29,999 pounds	444	100.0	10.5	79.2	10.1	-	.2
30,000 to 59,999 pounds	1,914	100.0	23.3	72.0	4.5	.1	.1
60,000 to 89,999 pounds	1,491	100.0	96.7	3.1	-	-	.2
90,000 pounds and over	5,630	100.0	74.1	1.2	-	24.7	-
1,000 miles and over	15,899	100.0	66.1	5.6	.5	27.7	.1
Under 1,000 pounds	44	100.0	7.4	68.2	.5	3.2	20.7
1,000 to 9,999 pounds	188	100.0	12.5	78.0	1.2	5.0	3.3
10,000 to 29,999 pounds	311	100.0	28.6	46.5	2.8	20.4	1.7
30,000 to 59,999 pounds	1,149	100.0	53.0	33.1	4.9	8.4	.6
60,000 to 89,999 pounds	2,092	100.0	92.4	4.9	-	2.4	.3
90,000 pounds and over	12,115	100.0	64.7	.7	.1	34.5	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 07--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	97,619	100.0	52.4	26.4	9.4	-	11.3	0.4	0.1
New England	3,364	100.0	11.6	81.9	5.9	0.1	-	.4	.1
Middle Atlantic	13,902	100.0	43.7	31.9	16.5	-	6.6	1.2	.1
East North Central	16,254	100.0	55.1	24.9	12.8	-	6.7	.2	.3
West North Central	1,682	100.0	68.1	27.3	4.1	-	-	-	.5
South Atlantic	16,755	100.0	49.3	28.8	13.7	-	8.0	.1	.1
East South Central	11,807	100.0	66.7	18.7	5.5	-	9.0	.1	-
West South Central	24,607	100.0	57.0	12.7	3.7	-	26.1	.5	-
Mountain	2,562	100.0	95.7	3.1	1.2	-	-	-	-
Pacific[1]	6,686	100.0	29.2	57.4	10.3	-	2.3	.5	.3
TON-MILES	(millions of ton-miles)								
U.S. total	43,662	100.0	64.2	16.7	3.0	-	15.8	.2	.1
New England	1,752	100.0	13.8	84.1	1.3	.3	-	.5	-
Middle Atlantic	4,035	100.0	63.8	24.0	7.2	.1	4.0	.7	.2
East North Central	5,965	100.0	72.4	16.9	4.6	-	5.8	.2	.1
West North Central	736	100.0	79.2	19.1	1.7	-	-	-	-
South Atlantic	4,362	100.0	53.6	28.3	6.5	-	11.4	.1	.1
East South Central	5,155	100.0	75.0	15.6	3.4	-	5.9	.1	-
West South Central	17,818	100.0	61.8	6.4	.7	-	31.0	.1	-
Mountain	2,132	100.0	98.4	1.3	.3	-	-	-	-
Pacific[1]	1,707	100.0	59.1	29.3	5.9	-	5.1	.5	.1

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 07--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	97,619	97,619	4,042	17,486	18,173	4,505	20,059	8,666	12,610	2,136	9,942
Ton-miles.....millions..	43,662	43,662	2,979	7,317	7,577	2,465	7,513	2,813	3,553	1,765	7,680
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	97,619	100.0	4.1	17.9	18.6	4.6	20.6	8.9	12.9	2.2	10.2
Shipments from--											
New England.....	3,364	100.0	17.6	17.8	7.7	.5	49.4	4.9	1.0	-	1.1
Middle Atlantic.....	13,902	100.0	8.1	56.1	13.3	1.8	14.5	1.9	1.5	.1	2.7
East North Central.....	16,254	100.0	2.5	14.4	50.0	8.1	8.3	8.2	3.7	1.5	3.3
West North Central.....	1,682	100.0	1.0	9.1	32.5	26.5	3.7	7.2	10.8	3.0	6.2
South Atlantic.....	16,755	100.0	2.4	16.5	8.1	1.1	59.9	8.2	2.4	.1	1.3
East South Central.....	11,807	100.0	2.5	6.6	20.0	6.8	21.5	28.3	11.4	.2	2.7
West South Central.....	24,607	100.0	4.9	11.9	11.9	4.6	9.1	8.1	38.8	2.9	7.8
Mountain.....	2,562	100.0	-	1.0	24.9	13.3	4.1	2.0	9.7	27.0	18.0
Pacific[2].....	6,686	100.0	-	1.4	1.5	.4	.9	.1	.4	5.8	89.5
TON-MILES	(millions)										
U.S. total.....	43,662	100.0	6.8	16.8	17.4	5.6	17.2	6.4	8.1	4.0	17.7
Shipments from--											
New England.....	1,752	100.0	2.1	6.4	10.5	1.0	64.0	8.0	2.7	-	5.3
Middle Atlantic.....	4,035	100.0	7.7	19.4	19.9	5.9	13.1	4.2	6.6	.5	22.7
East North Central.....	5,965	100.0	4.6	15.3	23.8	8.0	9.9	8.3	8.8	4.2	17.1
West North Central.....	736	100.0	2.4	18.5	21.1	11.5	5.2	4.5	9.1	5.3	22.4
South Atlantic.....	4,362	100.0	4.9	17.3	9.7	3.2	38.7	6.3	8.9	.4	10.6
East South Central.....	5,155	100.0	6.0	10.5	18.5	7.0	26.5	10.9	8.3	.7	11.6
West South Central.....	17,818	100.0	10.2	21.3	15.0	4.3	10.6	5.9	8.9	5.8	18.0
Mountain.....	2,132	100.0	-	2.2	37.2	15.6	7.6	3.2	10.1	9.3	14.8
Pacific[2].....	1,707	100.0	.3	12.8	10.4	2.2	7.3	.9	2.3	10.6	53.2

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 07--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	97,619	100.0	52.4	26.4	9.4	-	11.3	0.4	0.1
Middle Atlantic, total	13,902	100.0	43.7	31.9	16.5	-	6.6	1.2	.1
Shipments to--									
New England	1,124	100.0	52.3	38.2	9.0	-	-	.4	.1
Middle Atlantic	7,801	100.0	30.0	34.7	22.5	-	11.0	1.7	.1
East North Central	1,850	100.0	63.8	30.8	4.4	-	-	.8	.2
West North Central	251	100.0	71.6	26.4	1.9	-	-	.1	-
South Atlantic	2,010	100.0	59.4	25.0	14.7	-	.6	.2	.1
East South Central	267	100.0	55.5	26.5	17.9	-	-	-	.1
West South Central	208	100.0	61.1	25.3	.8	0.4	9.5	1.4	1.5
Pacific	380	100.0	83.3	7.6	.1	.3	8.5	.2	-
East North Central, total	16,254	100.0	55.1	24.9	12.8	-	6.7	.2	.3
Shipments to--									
New England	408	100.0	82.2	16.7	1.1	-	-	-	-
Middle Atlantic	2,338	100.0	77.1	19.1	3.5	-	-	-	.3
East North Central	8,135	100.0	34.8	34.5	21.5	-	8.6	.1	.5
West North Central	1,312	100.0	72.6	19.5	7.0	-	-	.9	-
South Atlantic	1,347	100.0	76.7	16.6	6.5	-	-	.2	-
East South Central	1,341	100.0	58.1	10.1	2.9	-	28.8	.1	-
West South Central	599	100.0	85.3	12.6	2.1	-	-	-	-
Pacific	533	100.0	93.9	4.1	1.0	-	.8	.2	-
South Atlantic, total	16,755	100.0	49.3	28.8	13.7	-	8.0	.1	.1
Shipments to--									
New England	409	100.0	46.5	48.7	4.8	-	-	-	-
Middle Atlantic	2,767	100.0	45.5	35.3	8.0	-	11.2	-	-
East North Central	1,355	100.0	49.2	48.1	1.0	-	1.7	-	-
South Atlantic	10,025	100.0	48.6	25.8	17.4	-	8.0	-	.2
East South Central	1,378	100.0	58.8	16.5	19.7	-	4.6	.4	-
East South Central, total	11,807	100.0	66.7	18.7	5.5	-	9.0	.1	-
Shipments to--									
Middle Atlantic	775	100.0	56.0	27.6	16.4	-	-	-	-
East North Central	2,359	100.0	68.3	22.4	3.7	-	5.5	.1	-
South Atlantic	2,541	100.0	75.3	20.0	4.3	-	-	.3	.1
East South Central	3,335	100.0	61.5	14.6	5.5	-	18.3	-	.1
West South Central	1,350	100.0	67.0	17.1	1.6	-	14.3	-	-
West South Central, total	24,607	100.0	57.0	12.7	3.7	-	26.1	.5	-
Shipments to--									
Middle Atlantic	2,937	100.0	42.5	3.9	.2	-	53.4	-	-
East North Central	2,932	100.0	62.1	8.6	.4	-	28.8	.1	-
West North Central	1,122	100.0	83.8	6.2	.5	-	9.4	.1	-
South Atlantic	2,246	100.0	95.0	4.2	.8	-	-	-	-
East South Central	2,000	100.0	75.7	10.4	2.1	-	11.8	-	-
West South Central	9,554	100.0	43.0	23.4	8.6	-	23.8	1.2	-
Pacific	1,919	100.0	69.5	4.1	.1	-	26.3	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	43,662	100.0	64.2	16.7	3.0	-	15.8	.2	.1
Middle Atlantic, total	4,035	100.0	63.8	24.0	7.2	.1	4.0	.7	.2
Shipments to--									
New England	309	100.0	60.4	30.6	8.5	-	-	.5	-
Middle Atlantic	782	100.0	50.0	29.8	14.6	-	3.6	2.0	-
East North Central	803	100.0	65.5	30.6	3.2	-	-	.5	.2
West North Central	237	100.0	73.2	24.9	1.8	-	-	.1	-
South Atlantic	528	100.0	54.0	27.2	16.4	-	2.0	.3	.1
East South Central	168	100.0	51.9	29.4	18.5	.1	-	-	.1
West South Central	265	100.0	59.7	25.7	.8	.4	10.3	1.5	1.6
Pacific	922	100.0	81.8	7.4	.1	.3	10.2	.2	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 07--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	5,965	100.0	72.4	16.9	4.6	-	5.8	0.2	0.1
Shipments to--									
New England	272	100.0	82.0	16.8	1.2	-	-	-	-
Middle Atlantic	913	100.0	77.2	19.5	3.1	-	-	-	.2
East North Central	1,423	100.0	42.2	29.3	10.1	-	17.8	.1	.5
West North Central	480	100.0	74.0	18.6	6.4	-	-	1.0	-
South Atlantic	588	100.0	75.8	18.6	5.4	-	-	.2	-
East South Central	493	100.0	71.0	10.9	3.0	-	15.0	.1	-
West South Central	525	100.0	86.0	12.1	1.9	-	-	-	-
Pacific	1,021	100.0	93.0	4.1	1.0	-	1.8	.1	-
South Atlantic, total	4,362	100.0	53.6	28.3	6.5	-	11.4	.1	.1
Shipments to--									
New England	214	100.0	45.4	51.3	3.3	-	-	-	-
Middle Atlantic	755	100.0	47.4	32.6	3.7	-	16.2	-	.1
East North Central	422	100.0	55.9	40.8	1.2	-	2.1	-	-
South Atlantic	1,692	100.0	52.0	25.7	10.2	-	11.9	.1	.1
East South Central	274	100.0	47.6	26.7	17.8	-	6.8	1.1	-
East South Central, total	5,155	100.0	75.0	15.6	3.4	-	5.9	.1	-
Shipments to--									
Middle Atlantic	541	100.0	61.4	26.1	12.5	-	-	-	-
East North Central	955	100.0	71.9	21.0	2.2	-	4.8	.1	-
South Atlantic	1,373	100.0	87.2	10.7	1.9	-	-	.2	-
East South Central	562	100.0	64.0	14.3	4.4	-	17.3	-	-
West South Central	427	100.0	65.2	12.0	2.5	-	20.3	-	-
West South Central, total	17,818	100.0	61.8	6.4	.7	-	31.0	.1	-
Shipments to--									
Middle Atlantic	3,814	100.0	42.1	4.0	.2	-	53.7	-	-
East North Central	2,665	100.0	64.0	9.0	.4	-	26.5	.1	-
West North Central	774	100.0	83.8	6.0	.4	-	9.7	.1	-
South Atlantic	1,887	100.0	95.2	4.1	.7	-	-	-	-
East South Central	1,060	100.0	74.4	9.1	1.8	-	14.6	-	.1
West South Central	1,579	100.0	53.1	21.8	4.6	-	19.8	.7	-
Pacific	3,199	100.0	69.3	3.7	-	-	27.0	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 07--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	97,619	18,710	34,677	44,232	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	43,662	4,767	14,305	24,590
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	52.4	45.0	53.2	55.0	64.2	68.4	66.8	62.0
Motor carrier.....	26.4	26.7	30.3	23.1	16.7	19.5	24.2	11.8
Private truck.....	9.4	24.6	8.2	4.0	3.0	10.4	2.7	1.7
Air.....	-	-	-	-	-	.1	-	-
Water.....	11.3	3.0	8.0	17.3	15.8	1.1	6.1	24.3
Other.....	.4	.5	.1	.6	.2	.4	.1	.2
Unknown.....	.1	.2	.2	-	.1	.1	.1	-
DISTANCE OF SHIPMENTS								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	25.0	46.8	23.8	16.7	2.6	8.5	2.5	1.5
100 to 199 miles.....	15.1	17.9	16.1	13.2	5.0	10.3	5.8	3.5
200 to 299 miles.....	12.3	9.3	12.7	13.2	6.8	8.7	7.8	5.9
300 to 399 miles.....	9.8	8.5	9.0	11.0	7.5	11.2	7.4	6.9
400 to 499 miles.....	6.7	3.2	8.4	6.9	6.7	5.6	9.2	5.5
500 to 999 miles.....	18.7	10.0	21.7	20.0	30.2	27.5	37.3	26.5
1,000 miles and over.....	12.4	4.3	8.3	19.0	41.2	28.2	30.0	50.2

Table 8. SHIPPER GROUP 07--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	85.7	81.2	90.8	94.2
Highway facilities.....	82.1	82.4	80.0	85.0
Rail and highway facilities.....	68.3	64.5	70.8	79.2
Air facilities.....	73.5	71.1	73.4	83.9
Rail, highway, and air facilities.....	54.5	50.0	56.1	70.6
Water facilities.....	33.9	26.9	38.5	53.5
Rail, highway, air, and water facilities.	25.5	18.7	30.2	44.3

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 071--Percent Distribution of Distance, by Means of Transport: 1967

Basic Inorganic Chemicals, Industrial Gases, Dyes, and Pigments

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	29,247	100.0	54.2	23.4	10.0	-	11.7	0.6	0.1
Under 50 miles	3,529	100.0	17.2	31.9	31.1	-	17.1	2.6	.1
50 to 99 miles	3,337	100.0	34.6	28.7	25.9	-	10.0	.7	.1
100 to 199 miles	4,412	100.0	49.9	21.0	11.1	-	17.3	.5	.2
200 to 299 miles	4,382	100.0	71.1	17.4	4.8	-	5.6	1.0	.1
300 to 399 miles	3,052	100.0	67.5	16.7	2.7	-	13.1	-	-
400 to 499 miles	1,752	100.0	83.3	13.1	2.9	-	.7	-	-
500 to 599 miles	1,068	100.0	68.1	12.8	6.4	-	12.7	-	-
600 to 799 miles	3,250	100.0	36.2	53.0	.7	-	10.0	.1	-
800 to 999 miles	1,617	100.0	78.6	19.4	1.5	0.2	.1	.2	-
1,000 to 1,199 miles	942	100.0	84.9	7.5	.9	-	6.7	-	-
1,200 to 1,499 miles	531	100.0	88.6	8.7	.9	-	.7	.5	.6
1,500 to 1,999 miles	1,098	100.0	51.5	2.7	.5	-	45.1	.1	.1
2,000 miles and over	277	100.0	79.8	6.3	.8	.5	12.5	.1	-
	(millions of ton-miles)								
TON-MILES									
Total	12,407	100.0	63.7	19.6	3.0	-	13.4	.2	.1
Under 50 miles	91	100.0	17.0	33.5	31.1	-	15.7	2.6	.1
50 to 99 miles	233	100.0	35.4	27.6	28.1	-	8.2	.6	.1
100 to 199 miles	635	100.0	50.8	21.1	10.9	-	16.5	.4	.3
200 to 299 miles	1,095	100.0	71.1	16.8	4.7	-	6.4	.9	.1
300 to 399 miles	1,054	100.0	68.1	16.6	2.7	-	12.6	-	-
400 to 499 miles	779	100.0	83.0	13.3	2.9	-	.8	-	-
500 to 599 miles	585	100.0	68.4	12.9	6.3	-	12.4	-	-
600 to 799 miles	2,232	100.0	36.7	52.2	.7	-	10.3	.1	-
800 to 999 miles	1,437	100.0	79.0	18.9	1.6	.2	.1	.2	-
1,000 to 1,199 miles	1,025	100.0	85.0	7.4	.9	-	6.7	-	-
1,200 to 1,499 miles	709	100.0	88.6	8.7	.8	-	.8	.5	.6
1,500 to 1,999 miles	1,866	100.0	51.2	2.5	.5	-	45.6	.1	.1
2,000 miles and over	666	100.0	79.8	5.9	.7	.5	12.9	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 071--Percent Distribution of Weight, by Means of Transport: 1967

Basic Inorganic Chemicals, Industrial Gases, Dyes, and Pigments

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total	26,472	100.0	51.8	25.3	10.1	12.2	0.6
Under 1,000 pounds	59	100.0	1.0	69.1	22.9	.1	6.9
Under 50 pounds	1	100.0	.2	49.2	20.2	-	30.4
50 to 99 pounds	1	100.0	2.3	65.8	23.3	.3	8.3
100 to 199 pounds	4	100.0	.6	67.1	27.0	-	5.3
200 to 499 pounds	20	100.0	.4	70.1	23.6	.4	5.5
500 to 999 pounds	33	100.0	1.4	69.1	21.9	-	7.6
1,000 to 9,999 pounds	901	100.0	.5	66.4	32.3	.1	.7
1,000 to 1,999 pounds	58	100.0	1.5	59.8	34.1	.1	4.5
2,000 to 2,999 pounds	113	100.0	.9	73.7	25.2	-	.2
3,000 to 3,999 pounds	99	100.0	.7	66.1	32.6	-	.6
4,000 to 4,999 pounds	96	100.0	.8	63.0	35.4	.1	.7
5,000 to 9,999 pounds	535	100.0	.2	66.3	33.0	.1	.4
10,000 to 29,999 pounds	1,447	100.0	2.9	45.6	50.0	.4	1.1
10,000 to 19,999 pounds	557	100.0	3.0	32.9	62.8	-	1.3
20,000 to 29,999 pounds	890	100.0	2.9	53.6	42.0	.6	.9
30,000 to 59,999 pounds	6,595	100.0	8.4	71.6	19.7	.2	.1
30,000 to 39,999 pounds	2,923	100.0	2.3	77.3	20.3	.1	-
40,000 to 49,999 pounds	3,151	100.0	5.7	72.6	21.2	.3	.2
50,000 to 59,999 pounds	521	100.0	59.7	33.3	7.0	-	-
60,000 to 89,999 pounds	3,475	100.0	86.2	7.6	3.7	.4	2.1
60,000 to 69,999 pounds	1,194	100.0	83.3	10.5	1.8	.3	4.1
70,000 to 79,999 pounds	1,109	100.0	87.4	3.4	6.9	.2	2.1
80,000 to 89,999 pounds	1,172	100.0	88.0	8.7	2.5	.6	.2
90,000 pounds and over	13,995	100.0	72.4	3.0	1.5	22.8	.3
	(millions of ton-miles)						
TON-MILES							
Total	10,601	100.0	58.6	22.3	3.2	15.5	.4
Under 1,000 pounds	22	100.0	2.8	72.2	5.7	.1	19.2
Under 50 pounds	-	-	-	-	-	-	-
50 to 99 pounds	-	-	-	-	-	-	-
100 to 199 pounds	2	100.0	2.5	81.0	5.7	-	10.8
200 to 499 pounds	7	100.0	2.1	81.1	5.5	.2	11.1
500 to 999 pounds	13	100.0	2.8	66.7	5.9	-	24.6
1,000 to 9,999 pounds	405	100.0	1.1	92.2	5.0	.4	1.3
1,000 to 1,999 pounds	17	100.0	7.7	69.6	9.3	-	13.4
2,000 to 2,999 pounds	57	100.0	1.2	93.9	4.3	-	.6
3,000 to 3,999 pounds	43	100.0	1.0	93.3	4.8	-	.9
4,000 to 4,999 pounds	41	100.0	2.2	90.3	5.2	.8	1.5
5,000 to 9,999 pounds	247	100.0	.6	93.3	4.8	.5	.8
10,000 to 29,999 pounds	413	100.0	8.9	68.2	17.4	4.2	1.3
10,000 to 19,999 pounds	106	100.0	12.9	58.8	27.7	-	.6
20,000 to 29,999 pounds	307	100.0	7.5	71.5	13.8	5.6	1.6
30,000 to 59,999 pounds	2,069	100.0	14.5	73.6	10.6	1.3	-
30,000 to 39,999 pounds	1,201	100.0	3.8	88.3	7.5	.4	-
40,000 to 49,999 pounds	708	100.0	16.0	62.9	17.8	3.2	.1
50,000 to 59,999 pounds	160	100.0	87.4	10.6	2.0	-	-
60,000 to 89,999 pounds	1,870	100.0	93.2	4.4	.7	1.0	.7
60,000 to 69,999 pounds	725	100.0	92.6	5.2	.3	.7	1.2
70,000 to 79,999 pounds	507	100.0	96.4	2.2	1.0	.1	.3
80,000 to 89,999 pounds	638	100.0	91.5	5.2	.8	2.2	.3
90,000 pounds and over	5,822	100.0	71.0	1.6	.2	27.0	.2

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 071--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Basic Inorganic Chemicals, Industrial Gasses, Dyes, and Pigments

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	26,472	100.0	51.8	25.3	10.1	12.2	0.6
Under 200 miles	10,548	100.0	35.6	27.9	21.0	14.5	1.0
Under 1,000 pounds	30	100.0	.1	56.2	40.6	.2	2.9
1,000 to 9,999 pounds	363	100.0	.1	25.0	74.5	-	.4
10,000 to 29,999 pounds	861	100.0	.4	25.0	73.6	.1	.9
30,000 to 59,999 pounds	3,437	100.0	4.9	66.2	28.7	-	.2
60,000 to 89,999 pounds	869	100.0	64.8	14.5	12.5	.4	7.8
90,000 pounds and over	4,988	100.0	60.7	4.5	4.1	30.5	.2
200 to 399 miles	6,992	100.0	68.9	17.6	3.8	9.1	.6
Under 1,000 pounds	12	100.0	.5	89.6	7.6	-	2.3
1,000 to 9,999 pounds	70	100.0	.2	77.6	22.1	-	.1
10,000 to 29,999 pounds	244	100.0	1.9	67.5	28.7	-	1.9
30,000 to 59,999 pounds	1,066	100.0	10.0	74.1	15.9	-	-
60,000 to 89,999 pounds	997	100.0	91.8	7.0	1.2	-	-
90,000 pounds and over	4,603	100.0	82.4	3.0	-	13.8	.8
400 to 599 miles	2,654	100.0	76.4	13.6	4.4	5.6	-
Under 1,000 pounds	6	100.0	1.5	88.0	4.6	-	5.9
1,000 to 9,999 pounds	27	100.0	1.0	84.9	13.2	-	.9
10,000 to 29,999 pounds	82	100.0	19.6	61.4	18.5	-	.5
30,000 to 59,999 pounds	397	100.0	20.9	57.3	21.5	.3	-
60,000 to 89,999 pounds	413	100.0	89.5	8.7	1.8	-	-
90,000 pounds and over	1,720	100.0	90.2	1.0	.3	8.5	-
600 to 999 miles	4,250	100.0	43.6	47.6	1.1	7.6	.1
Under 1,000 pounds	8	100.0	4.0	73.4	4.5	-	18.1
1,000 to 9,999 pounds	414	100.0	.6	98.6	.1	-	.7
10,000 to 29,999 pounds	222	100.0	2.8	94.3	2.9	-	-
30,000 to 59,999 pounds	1,523	100.0	7.6	89.9	2.5	-	-
60,000 to 89,999 pounds	674	100.0	97.5	2.2	-	-	.3
90,000 pounds and over	1,409	100.0	75.8	1.2	-	23.0	-
1,000 miles and over	2,037	100.0	62.5	6.9	.8	29.3	.5
Under 1,000 pounds	4	100.0	3.6	67.2	.3	-	28.9
1,000 to 9,999 pounds	26	100.0	4.9	84.6	2.1	2.1	6.3
10,000 to 29,999 pounds	39	100.0	30.9	51.3	.3	10.2	7.3
30,000 to 59,999 pounds	173	100.0	46.6	36.7	9.3	7.4	-
60,000 to 89,999 pounds	520	100.0	94.3	3.3	-	1.7	.7
90,000 pounds and over	1,275	100.0	54.0	1.2	-	44.8	-
TON-MILES	(millions of ton-miles)						
Total[1]	10,601	100.0	58.6	22.3	3.2	15.5	.4
Under 200 miles	895	100.0	44.4	25.1	16.2	13.6	.7
Under 1,000 pounds	2	100.0	.1	65.5	32.0	.6	1.8
1,000 to 9,999 pounds	22	100.0	.1	37.8	61.8	-	.3
10,000 to 29,999 pounds	60	100.0	.6	31.8	66.7	.3	.6
30,000 to 59,999 pounds	263	100.0	5.4	65.8	28.5	-	.3
60,000 to 89,999 pounds	88	100.0	74.2	12.6	6.2	.8	6.2
90,000 pounds and over	460	100.0	68.9	2.6	2.3	26.2	-
200 to 399 miles	2,016	100.0	68.8	17.2	3.6	9.9	.5
Under 1,000 pounds	3	100.0	.4	91.3	6.0	-	2.3
1,000 to 9,999 pounds	19	100.0	.2	79.7	19.9	-	.2
10,000 to 29,999 pounds	65	100.0	2.3	66.6	29.4	-	1.7
30,000 to 59,999 pounds	297	100.0	10.1	74.4	15.5	-	-
60,000 to 89,999 pounds	297	100.0	91.3	7.6	1.1	-	-
90,000 pounds and over	1,335	100.0	81.2	3.2	-	14.9	.7

See footnote at end of table.

TABLE 3. SHIPPER CLASS 071--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Basic Inorganic Chemicals, Industrial Gasses, Dyes, and Pigments

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	1,282	100.0	75.5	13.8	4.6	6.1	-
Under 1,000 pounds	3	100.0	1.6	88.0	4.6	-	5.8
1,000 to 9,999 pounds	14	100.0	.9	85.8	12.4	-	.9
10,000 to 29,999 pounds	42	100.0	21.0	60.1	18.4	-	.5
30,000 to 59,999 pounds	197	100.0	21.5	56.2	22.0	.3	-
60,000 to 89,999 pounds	201	100.0	89.6	8.6	1.8	-	-
90,000 pounds and over	825	100.0	89.2	1.0	.3	9.5	-
600 to 999 miles	3,176	100.0	46.5	44.9	1.2	7.2	.2
Under 1,000 pounds	6	100.0	3.7	72.5	3.9	-	19.9
1,000 to 9,999 pounds	304	100.0	.6	98.6	.1	-	.7
10,000 to 29,999 pounds	176	100.0	2.9	94.3	2.8	-	-
30,000 to 59,999 pounds	1,055	100.0	8.7	88.3	3.0	-	-
60,000 to 89,999 pounds	533	100.0	97.6	2.1	-	-	.3
90,000 pounds and over	1,102	100.0	78.1	1.1	-	20.8	-
1,000 miles and over	3,232	100.0	61.4	6.0	.8	31.3	.5
Under 1,000 pounds	8	100.0	4.3	60.3	.2	-	35.2
1,000 to 9,999 pounds	45	100.0	5.5	82.7	1.7	3.4	6.7
10,000 to 29,999 pounds	71	100.0	29.5	40.9	.2	24.0	5.4
30,000 to 59,999 pounds	257	100.0	47.0	33.4	9.3	10.3	-
60,000 to 89,999 pounds	750	100.0	94.3	2.6	-	2.5	.7
90,000 pounds and over	2,101	100.0	54.0	.9	-	45.1	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 071--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Basic Inorganic Chemicals, Industrial Gasses, Dyes, and Pigments

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	29,247	100.0	54.2	23.4	10.0	-	11.7	0.6	0.1
Middle Atlantic	4,577	100.0	53.2	30.6	14.2	-	.4	1.5	.1
East North Central	7,270	100.0	70.0	15.4	11.0	-	3.5	-	.1
West North Central	524	100.0	67.5	19.9	12.1	-	-	-	.5
South Atlantic	5,393	100.0	53.1	21.6	3.3	-	22.0	-	-
West South Central	5,563	100.0	49.2	10.3	10.0	-	28.4	2.1	-
Pacific[1]	1,701	100.0	38.0	27.6	25.5	-	8.2	.1	.6
Balance of United States[2]	4,219	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	12,407	100.0	63.7	19.6	3.0	-	13.4	.2	.1
Middle Atlantic	1,314	100.0	71.7	20.0	5.4	0.1	1.7	.7	.4
East North Central	2,863	100.0	86.1	8.8	3.1	-	1.9	.1	-
West North Central	285	100.0	80.8	15.3	3.9	-	-	-	-
South Atlantic	1,579	100.0	59.4	15.0	3.0	-	22.5	.1	-
West South Central	3,221	100.0	53.9	8.0	2.5	-	35.0	.5	.1
Pacific[1]	299	100.0	54.9	17.4	11.5	-	15.5	.1	.6
Balance of United States[2]	2,846	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 071--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Basic Inorganic Chemicals, Industrial Gasses, Dyes, and Pigments

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	29,247	29,247	1,034	5,914	5,432	1,297	5,699	2,433	4,012	463	2,963
Ton-miles.....millions..	12,407	12,407	551	1,497	2,187	718	2,436	926	1,190	344	2,558
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	29,247	100.0	3.5	20.3	18.6	4.4	19.5	8.3	13.7	1.6	10.1
Shipments from--											
Middle Atlantic.....	4,577	100.0	12.5	60.0	8.1	2.8	10.6	2.3	1.4	.2	2.1
East North Central.....	7,270	100.0	2.0	17.1	40.0	8.7	9.1	11.7	3.8	2.8	4.8
West North Central.....	524	100.0	2.6	10.7	27.8	14.0	4.4	4.5	23.2	5.6	7.2
South Atlantic.....	5,393	100.0	2.4	28.4	13.4	1.5	43.9	6.8	2.3	.2	1.1
West South Central.....	5,563	100.0	1.6	3.5	11.9	3.1	5.3	7.8	54.5	.8	11.5
Pacific[2].....	1,701	100.0	-	.2	.2	.1	.4	-	.1	7.3	91.7
Balance of U.S.[3].....	4,219	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	12,407	100.0	4.4	12.1	17.6	5.8	19.6	7.5	9.6	2.8	20.6
Shipments from--											
Middle Atlantic.....	1,314	100.0	12.3	23.3	14.4	9.3	10.9	5.4	6.2	.9	17.3
East North Central.....	2,863	100.0	3.5	14.2	17.6	8.7	8.9	9.5	7.0	7.2	23.4
West North Central.....	285	100.0	5.2	18.7	19.8	4.8	5.8	2.7	15.7	6.4	20.9
South Atlantic.....	1,579	100.0	3.8	23.5	14.5	4.1	30.4	6.5	7.8	1.0	8.4
West South Central.....	3,221	100.0	4.3	8.0	19.5	3.6	7.6	6.8	16.6	1.0	32.6
Pacific[2].....	299	100.0	.4	2.8	1.7	.7	5.1	.3	.6	16.4	72.0
Balance of U.S.[3].....	2,846	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 071--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Basic Inorganic Chemicals, Industrial Gasses, Dyes, and Pigments

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	29,247	100.0	54.2	23.4	10.0	-	11.7	0.6	0.1
Middle Atlantic, total	4,577	100.0	53.2	30.6	14.2	-	.4	1.5	.1
Shipments to--									
New England	571	100.0	66.5	28.7	4.6	-	-	.2	-
Middle Atlantic	2,752	100.0	44.0	34.3	19.1	-	.3	2.3	-
East North Central	371	100.0	65.7	32.8	1.3	-	-	.2	-
South Atlantic	483	100.0	59.7	22.4	17.4	-	-	-	.5
East North Central, total	7,270	100.0	70.0	15.4	11.0	-	3.5	-	.1
Shipments to--									
Middle Atlantic	1,241	100.0	87.0	10.2	2.5	-	-	-	.3
East North Central	2,906	100.0	50.0	26.7	23.3	-	-	-	-
South Atlantic, total	5,393	100.0	53.1	21.6	3.3	-	22.0	-	-
Shipments to--									
Middle Atlantic	1,534	100.0	51.0	24.6	4.9	-	19.5	-	-
East North Central	722	100.0	59.8	36.0	.9	-	3.3	-	-
South Atlantic	2,371	100.0	46.1	18.0	2.3	-	33.6	-	-
West South Central, total	5,563	100.0	49.2	10.3	10.0	-	28.4	2.1	-
Shipments to--									
East North Central	664	100.0	70.5	10.3	.2	-	18.6	.4	-
West South Central	3,031	100.0	38.3	13.0	16.9	-	28.1	3.7	-
TON-MILES	(millions of ton-miles)								
U.S. total	12,407	100.0	63.7	19.6	3.0	-	13.4	.2	.1
Middle Atlantic, total	1,314	100.0	71.7	20.0	5.4	0.1	1.7	.7	.4
Shipments to--									
New England	162	100.0	77.0	20.1	2.8	-	-	.1	-
Middle Atlantic	305	100.0	61.9	25.1	11.1	-	.4	1.5	-
East North Central	190	100.0	68.4	30.1	1.2	-	-	.3	-
South Atlantic	144	100.0	62.0	22.8	14.9	-	-	-	.3
East North Central, total	2,863	100.0	86.1	8.8	3.1	-	1.9	.1	-
Shipments to--									
Middle Atlantic	408	100.0	87.8	10.7	1.4	-	-	-	.1
East North Central	505	100.0	67.7	23.9	8.4	-	-	-	-
South Atlantic, total	1,579	100.0	59.4	15.0	3.0	-	22.5	.1	-
Shipments to--									
Middle Atlantic	371	100.0	51.7	15.0	2.2	-	31.1	-	-
East North Central	229	100.0	71.2	24.1	.8	-	3.9	-	-
South Atlantic	483	100.0	46.4	10.0	2.3	-	41.3	-	-
West South Central, total	3,221	100.0	53.9	8.0	2.5	-	35.0	.5	.1
Shipments to--									
East North Central	627	100.0	70.2	11.1	.1	-	18.3	.3	-
West South Central	533	100.0	51.8	16.7	10.2	-	19.1	2.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 071--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Basic Inorganic Chemicals, Industrial Gases, Dyes, and Pigments

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	29,247	4,551	10,898	13,798	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	12,407	1,119	4,961	6,327
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	54.2	33.0	51.5	63.2	63.7	65.6	56.5	69.0
Motor carrier.....	23.4	20.2	31.8	17.9	19.6	19.0	34.1	8.3
Private truck.....	10.0	33.8	9.3	2.7	3.0	12.5	2.4	1.7
Air.....	-	-	-	-	-	.1	.1	-
Water.....	11.7	11.6	7.2	15.2	13.4	1.9	6.7	20.7
Other.....	.6	1.3	.1	.9	.2	.9	.1	.2
Unknown.....	.1	.1	.1	.1	.1	-	.1	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	23.5	50.5	20.6	16.8	2.6	8.2	2.3	1.9
100 to 199 miles.....	15.1	14.8	11.7	17.9	5.1	8.5	3.7	5.6
200 to 299 miles.....	15.0	11.5	13.3	17.4	8.8	11.8	7.1	9.6
300 to 399 miles.....	10.4	8.0	7.6	13.5	8.5	11.4	5.8	10.1
400 to 499 miles.....	6.0	4.0	7.4	5.5	6.3	7.2	7.3	5.4
500 to 999 miles.....	20.3	5.2	32.2	15.9	34.3	14.2	50.6	25.1
1,000 miles and over.....	9.7	6.0	7.2	13.0	34.4	38.7	23.2	42.3

Table 8. SHIPPER CLASS 071--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Basic Inorganic Chemicals, Industrial Gasses, Dyes, and Pigments

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	86.4	85.1	86.5	92.7
Highway facilities	81.4	82.1	75.1	92.7
Rail and highway facilities	69.6	70.1	61.6	85.4
Air facilities	73.0	73.1	66.4	87.8
Rail, highway, and air facilities	55.6	55.2	46.6	78.0
Water facilities	45.5	40.3	45.0	73.2
Rail, highway, air, and water facilities	31.3	26.8	26.1	65.9

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. None of the plants reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 072--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Industrial Chemicals

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	56,115	100.0	55.2	22.4	8.8	-	13.3	0.2	0.1
Under 50 miles	8,541	100.0	23.1	42.3	19.9	-	14.3	.2	.2
50 to 99 miles	6,774	100.0	39.1	35.9	24.5	-	.3	.2	-
100 to 199 miles	8,762	100.0	54.8	22.0	11.2	-	11.1	.3	.6
200 to 299 miles	5,885	100.0	59.2	26.2	2.8	-	11.4	.4	-
300 to 399 miles	5,180	100.0	61.4	20.5	2.5	-	15.3	.3	-
400 to 499 miles	3,724	100.0	76.6	18.1	2.0	-	3.0	.3	-
500 to 599 miles	1,672	100.0	75.4	16.4	8.2	-	-	-	-
600 to 799 miles	4,858	100.0	84.5	9.3	.7	-	5.4	-	.1
800 to 999 miles	3,042	100.0	54.4	7.2	.7	-	37.7	-	-
1,000 to 1,199 miles	1,811	100.0	86.1	9.1	.3	-	4.5	-	-
1,200 to 1,499 miles	2,590	100.0	46.0	3.5	.1	-	50.2	.2	-
1,500 to 1,999 miles	2,846	100.0	66.4	2.8	-	-	30.8	-	-
2,000 miles and over	430	100.0	87.8	11.1	.3	-	.7	.1	-
	(millions of ton-miles)								
TON-MILES									
Total	25,224	100.0	66.5	11.0	2.2	-	20.1	.1	.1
Under 50 miles	245	100.0	27.7	38.7	20.7	-	12.6	.1	.2
50 to 99 miles	468	100.0	39.4	35.5	24.5	-	.3	.3	-
100 to 199 miles	1,302	100.0	55.8	21.9	10.5	-	10.9	.3	.6
200 to 299 miles	1,471	100.0	58.6	25.9	2.7	-	12.3	.5	-
300 to 399 miles	1,769	100.0	60.3	20.8	2.5	-	16.1	.3	-
400 to 499 miles	1,659	100.0	76.1	18.2	2.1	-	3.3	.3	-
500 to 599 miles	929	100.0	75.5	16.7	7.8	-	-	-	-
600 to 799 miles	3,432	100.0	85.0	9.0	.7	-	5.2	-	.1
800 to 999 miles	2,642	100.0	54.7	7.4	.7	-	37.2	-	-
1,000 to 1,199 miles	2,017	100.0	86.6	8.7	.3	-	4.4	-	-
1,200 to 1,499 miles	3,551	100.0	46.0	3.4	.1	-	50.3	.2	-
1,500 to 1,999 miles	4,761	100.0	69.1	2.7	-	-	28.2	-	-
2,000 miles and over	978	100.0	88.0	10.8	.3	-	.8	.1	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 072--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Industrial Chemicals

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	49,446	100.0	53.5	21.7	9.4	15.1	0.3
Under 1,000 pounds	75	100.0	1.5	76.2	18.0	.7	3.6
Under 50 pounds	2	100.0	5.1	48.9	5.0	.1	40.9
50 to 99 pounds	3	100.0	2.3	71.1	9.2	-	17.4
100 to 199 pounds	6	100.0	.5	79.1	11.8	-	8.6
200 to 499 pounds	24	100.0	1.2	82.7	13.1	1.0	2.0
500 to 999 pounds	40	100.0	1.6	73.8	23.3	.7	.6
1,000 to 9,999 pounds	640	100.0	2.6	58.6	37.5	.6	.7
1,000 to 1,999 pounds	62	100.0	1.2	76.3	20.7	.8	1.0
2,000 to 2,999 pounds	79	100.0	5.1	62.3	31.5	.5	.6
3,000 to 3,999 pounds	61	100.0	2.0	66.6	30.9	-	.5
4,000 to 4,999 pounds	84	100.0	2.1	55.9	36.2	1.9	3.9
5,000 to 9,999 pounds	354	100.0	2.6	53.8	43.2	.4	-
10,000 to 29,999 pounds	1,940	100.0	4.8	60.4	34.1	.2	.5
10,000 to 19,999 pounds	680	100.0	4.6	53.6	41.2	.6	-
20,000 to 29,999 pounds	1,260	100.0	4.9	64.1	30.2	-	.8
30,000 to 59,999 pounds	12,974	100.0	14.3	59.0	25.5	.4	.8
30,000 to 39,999 pounds	3,325	100.0	5.6	60.6	32.3	.4	1.1
40,000 to 49,999 pounds	6,779	100.0	5.0	68.3	25.9	.3	.5
50,000 to 59,999 pounds	2,870	100.0	46.3	35.6	16.5	.4	1.2
60,000 to 89,999 pounds	4,072	100.0	87.9	10.5	1.0	.3	.3
60,000 to 69,999 pounds	1,076	100.0	81.8	15.5	2.6	.1	-
70,000 to 79,999 pounds	1,281	100.0	84.4	13.0	.9	.9	.8
80,000 to 89,999 pounds	1,715	100.0	94.4	5.5	-	-	.1
90,000 pounds and over	29,745	100.0	70.1	3.5	1.3	24.9	.2
TON-MILES	(millions of ton-miles)						
Total	22,278	100.0	65.1	9.8	2.2	22.8	.1
Under 1,000 pounds	31	100.0	2.2	84.6	3.1	3.3	6.8
Under 50 pounds	1	100.0	7.2	37.7	.9	-	54.2
50 to 99 pounds	1	100.0	5.0	54.5	2.7	-	37.8
100 to 199 pounds	3	100.0	.2	79.0	2.1	-	18.7
200 to 499 pounds	10	100.0	1.7	93.1	1.9	.2	3.1
500 to 999 pounds	16	100.0	2.2	86.3	4.2	6.3	1.0
1,000 to 9,999 pounds	210	100.0	6.9	79.8	11.2	1.1	1.0
1,000 to 1,999 pounds	26	100.0	3.5	88.7	5.3	.1	2.4
2,000 to 2,999 pounds	29	100.0	10.4	81.0	7.2	.3	1.1
3,000 to 3,999 pounds	23	100.0	7.8	77.7	11.3	-	3.2
4,000 to 4,999 pounds	26	100.0	3.7	86.8	6.5	2.5	.5
5,000 to 9,999 pounds	106	100.0	7.5	76.1	14.8	1.4	.2
10,000 to 29,999 pounds	515	100.0	13.0	72.5	13.0	1.2	.3
10,000 to 19,999 pounds	185	100.0	10.7	72.6	13.3	3.4	-
20,000 to 29,999 pounds	330	100.0	14.2	72.6	12.8	-	.4
30,000 to 59,999 pounds	2,578	100.0	32.9	51.6	12.6	2.0	.9
30,000 to 39,999 pounds	785	100.0	15.5	67.2	13.6	2.5	1.2
40,000 to 49,999 pounds	1,095	100.0	18.3	62.1	17.5	1.7	.4
50,000 to 59,999 pounds	698	100.0	75.3	17.4	3.9	2.0	1.4
60,000 to 89,999 pounds	2,356	100.0	94.5	4.4	.2	.7	.2
60,000 to 69,999 pounds	596	100.0	93.6	5.9	.5	-	-
70,000 to 79,999 pounds	652	100.0	90.4	6.5	.1	2.6	.4
80,000 to 89,999 pounds	1,108	100.0	97.6	2.4	-	-	-
90,000 pounds and over	16,588	100.0	68.2	1.1	.5	30.2	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 072--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Industrial Chemicals

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	49,446	100.0	53.5	21.7	9.4	15.1	0.3
Under 200 miles	21,852	100.0	38.0	32.4	18.9	10.2	.5
Under 1,000 pounds	34	100.0	-	61.7	35.9	.7	1.7
1,000 to 9,999 pounds	347	100.0	.1	37.0	61.5	.5	.9
10,000 to 29,999 pounds	1,095	100.0	1.5	43.3	54.4	-	.8
30,000 to 59,999 pounds	9,138	100.0	7.9	58.7	32.7	.1	.6
60,000 to 89,999 pounds	1,173	100.0	70.6	25.2	3.4	.1	.7
90,000 pounds and over	10,065	100.0	66.8	8.0	2.9	21.9	.4
200 to 399 miles	9,192	100.0	56.9	23.9	2.9	15.9	.4
Under 1,000 pounds	12	100.0	1.1	90.3	5.0	-	3.6
1,000 to 9,999 pounds	119	100.0	.1	84.9	14.5	.3	.2
10,000 to 29,999 pounds	422	100.0	4.2	87.9	7.9	-	-
30,000 to 59,999 pounds	2,183	100.0	17.5	71.3	9.4	-	1.8
60,000 to 89,999 pounds	737	100.0	87.3	12.4	-	-	.3
90,000 pounds and over	5,719	100.0	73.0	1.2	.2	25.6	-
400 to 599 miles	4,434	100.0	77.0	15.7	4.4	2.6	.3
Under 1,000 pounds	10	100.0	7.5	87.0	1.3	.3	3.9
1,000 to 9,999 pounds	69	100.0	10.2	86.2	2.4	.8	.4
10,000 to 29,999 pounds	196	100.0	9.6	81.6	8.3	-	.5
30,000 to 59,999 pounds	673	100.0	34.1	53.1	12.8	-	-
60,000 to 89,999 pounds	528	100.0	99.1	.9	-	-	-
90,000 pounds and over	2,958	100.0	89.1	3.6	3.1	3.8	.4
600 to 999 miles	6,980	100.0	71.8	7.3	.7	20.2	-
Under 1,000 pounds	11	100.0	1.1	90.1	3.5	-	5.3
1,000 to 9,999 pounds	64	100.0	8.1	78.7	12.0	.8	.4
10,000 to 29,999 pounds	155	100.0	14.9	75.2	9.6	-	.3
30,000 to 59,999 pounds	621	100.0	51.1	44.7	4.2	-	-
60,000 to 89,999 pounds	986	100.0	98.6	1.2	-	-	.2
90,000 pounds and over	5,143	100.0	71.8	.9	-	27.3	-
1,000 miles and over	6,988	100.0	63.7	3.7	.1	32.4	.1
Under 1,000 pounds	7	100.0	2.0	84.4	.1	3.4	10.1
1,000 to 9,999 pounds	42	100.0	9.9	85.2	.9	1.9	2.1
10,000 to 29,999 pounds	72	100.0	23.8	68.6	2.4	5.2	-
30,000 to 59,999 pounds	359	100.0	56.3	31.2	.6	10.4	1.5
60,000 to 89,999 pounds	648	100.0	94.4	3.8	-	1.8	-
90,000 pounds and over	5,860	100.0	61.8	.5	-	37.7	-
TON-MILES	(millions of ton-miles)						
Total[1]	22,278	100.0	65.1	9.8	2.2	22.8	.1
Under 200 miles	1,746	100.0	46.7	26.3	16.2	10.0	.8
Under 1,000 pounds	2	100.0	-	78.8	18.4	.5	2.3
1,000 to 9,999 pounds	21	100.0	.2	47.2	51.6	.6	.4
10,000 to 29,999 pounds	67	100.0	3.1	44.1	52.1	-	.7
30,000 to 59,999 pounds	647	100.0	12.5	55.2	31.4	-	.9
60,000 to 89,999 pounds	103	100.0	74.7	20.2	3.8	.1	1.2
90,000 pounds and over	906	100.0	72.7	4.3	3.2	19.2	.6
200 to 399 miles	2,688	100.0	56.1	23.3	2.9	17.3	.4
Under 1,000 pounds	4	100.0	1.0	90.7	4.8	-	3.5
1,000 to 9,999 pounds	34	100.0	.2	85.3	14.1	.3	.1
10,000 to 29,999 pounds	125	100.0	4.6	87.6	7.8	-	-
30,000 to 59,999 pounds	618	100.0	17.5	71.0	9.6	-	1.9
60,000 to 89,999 pounds	214	100.0	88.1	11.7	-	-	.2
90,000 pounds and over	1,693	100.0	71.1	1.2	.2	27.5	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 072--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Industrial Chemicals

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	2,115	100.0	76.8	15.7	4.7	2.6	0.2
Under 1,000 pounds	5	100.0	7.1	87.2	1.2	.3	4.2
1,000 to 9,999 pounds	33	100.0	10.2	86.2	2.5	.7	.4
10,000 to 29,999 pounds	94	100.0	9.7	81.2	8.7	-	.4
30,000 to 59,999 pounds	320	100.0	33.9	52.9	13.2	-	-
60,000 to 89,999 pounds	263	100.0	99.1	.9	-	-	-
90,000 pounds and over	1,400	100.0	88.7	3.7	3.4	3.9	.3
600 to 999 miles	5,405	100.0	70.7	7.2	.7	21.4	-
Under 1,000 pounds	8	100.0	1.1	89.6	3.7	-	5.6
1,000 to 9,999 pounds	50	100.0	7.9	78.2	12.4	1.1	.4
10,000 to 29,999 pounds	121	100.0	16.4	73.6	9.7	-	.3
30,000 to 59,999 pounds	474	100.0	51.6	44.7	3.7	-	-
60,000 to 89,999 pounds	757	100.0	98.7	1.1	-	-	.2
90,000 pounds and over	3,995	100.0	70.2	.8	-	29.0	-
1,000 miles and over	10,324	100.0	64.7	3.8	.1	31.3	.1
Under 1,000 pounds	12	100.0	1.7	79.4	-	8.3	10.6
1,000 to 9,999 pounds	71	100.0	10.1	85.1	.9	1.7	2.2
10,000 to 29,999 pounds	108	100.0	27.7	64.3	2.1	5.9	-
30,000 to 59,999 pounds	519	100.0	58.8	29.3	.7	9.9	1.3
60,000 to 89,999 pounds	1,019	100.0	93.7	4.7	-	1.6	-
90,000 pounds and over	8,595	100.0	62.7	.6	-	36.7	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 072--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Industrial Chemicals

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	56,115	100.0	55.2	22.4	8.8	-	13.3	0.2	0.1
Middle Atlantic	7,138	100.0	44.2	25.1	17.4	-	11.9	1.3	.1
East North Central	6,269	100.0	44.2	23.7	18.0	-	13.3	.2	.6
West North Central	1,082	100.0	72.0	27.1	.4	-	-	-	.5
South Atlantic	9,314	100.0	54.1	25.3	18.9	-	1.5	-	.2
East South Central	8,988	100.0	74.8	13.3	2.7	-	9.2	-	-
West South Central	17,322	100.0	56.9	13.4	1.9	-	27.8	-	-
Pacific[1]	4,110	100.0	26.0	69.6	4.2	-	-	-	.2
Balance of United States[2]	1,892	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	25,224	100.0	66.5	11.0	2.2	-	20.1	.1	.1
Middle Atlantic	1,781	100.0	71.5	19.6	5.4	0.1	2.3	1.0	.1
East North Central	1,864	100.0	60.2	16.3	7.3	-	15.5	.3	.4
West North Central	401	100.0	84.2	15.4	.3	-	-	.1	-
South Atlantic	2,019	100.0	58.8	27.0	7.5	-	6.6	-	.1
East South Central	3,985	100.0	81.7	10.2	1.9	--	6.2	-	-
West South Central	13,105	100.0	60.9	5.5	.3	-	33.3	-	-
Pacific[1]	906	100.0	58.8	35.9	5.2	-	.1	-	-
Balance of United States[2]	1,163	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 072--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Industrial Chemicals

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	56,115	56,115	1,995	8,826	9,944	2,684	11,790	5,469	7,943	1,567	5,897
Ton-miles.....millions..	25,224	25,224	1,964	4,726	4,147	1,425	4,022	1,530	1,974	1,332	4,104
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	56,115	100.0	3.6	15.7	17.7	4.8	21.0	9.7	14.2	2.8	10.5
Shipments from--											
Middle Atlantic.....	7,138	100.0	4.8	58.1	13.6	1.0	17.3	1.3	1.4	-	2.5
East North Central.....	6,269	100.0	2.0	10.2	64.4	7.6	7.1	4.9	2.6	.1	1.1
West North Central.....	1,082	100.0	.1	7.3	34.4	33.8	2.9	8.9	5.3	1.9	5.4
South Atlantic.....	9,314	100.0	1.9	9.5	4.8	.7	69.9	9.5	2.5	-	1.2
East South Central.....	8,988	100.0	1.7	4.5	22.4	7.7	19.5	29.9	11.3	.2	2.8
West South Central.....	17,322	100.0	5.8	14.6	10.2	4.5	10.3	8.1	35.8	3.8	6.9
Pacific[2].....	4,110	100.0	-	1.1	1.2	.5	.1	-	.4	5.1	91.6
Balance of U.S.[3].....	1,892	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	25,224	100.0	7.8	18.8	16.4	5.6	15.9	6.1	7.8	5.3	16.3
Shipments from--											
Middle Atlantic.....	1,781	100.0	5.0	21.1	21.7	4.0	13.6	2.8	7.2	.1	24.5
East North Central.....	1,864	100.0	4.5	16.6	37.2	7.7	11.1	6.6	8.6	.5	7.2
West North Central.....	401	100.0	.3	16.7	22.0	17.4	4.0	6.2	5.2	5.1	23.1
South Atlantic.....	2,019	100.0	4.6	13.2	6.5	2.3	45.4	5.5	11.0	-	11.5
East South Central.....	3,985	100.0	4.2	8.0	20.8	7.4	28.5	11.1	7.5	.6	11.9
West South Central.....	13,105	100.0	11.5	24.9	11.9	4.1	11.3	5.8	7.6	7.5	15.4
Pacific[2].....	906	100.0	.5	12.6	10.2	3.2	1.2	-	2.8	11.3	58.2
Balance of U.S.[3].....	1,163	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 072--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Industrial Chemicals

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	56,115	100.0	55.2	22.4	8.8	-	13.3	0.2	0.1
Middle Atlantic, total	7,138	100.0	44.2	25.1	17.4	-	11.9	1.3	.1
Shipments to--									
Middle Atlantic	4,146	100.0	24.3	28.2	25.5	-	20.2	1.7	.1
East North Central	973	100.0	79.1	17.6	1.5	-	-	1.5	.3
South Atlantic	1,233	100.0	67.4	21.0	10.9	-	.4	.3	-
East North Central, total	6,269	100.0	44.2	23.7	18.0	-	13.3	.2	.6
Shipments to--									
Middle Atlantic	641	100.0	76.7	16.1	6.8	-	.1	-	.3
East North Central	4,029	100.0	28.3	28.5	24.9	-	17.4	-	.9
South Atlantic, total	9,314	100.0	54.1	25.3	18.9	-	1.5	-	.2
Shipments to--									
Middle Atlantic	885	100.0	42.9	43.4	13.5	-	.2	-	-
South Atlantic	6,508	100.0	56.1	22.2	21.4	-	-	-	.3
East South Central, total	8,988	100.0	74.8	13.3	2.7	-	9.2	-	-
Shipments to--									
East North Central	2,012	100.0	74.9	19.9	.6	-	4.6	-	-
South Atlantic	1,756	100.0	95.3	4.5	.2	-	-	-	-
East South Central	2,676	100.0	68.5	12.3	.4	-	18.8	-	-
West South Central, total	17,322	100.0	56.9	13.4	1.9	-	27.8	-	-
Shipments to--									
Middle Atlantic	2,523	100.0	36.2	2.0	-	-	61.8	-	-
East North Central	1,769	100.0	52.3	7.0	-	-	40.7	-	-
South Atlantic	1,789	100.0	96.0	3.6	.4	-	-	-	-
East South Central	1,405	100.0	79.8	9.6	1.3	-	9.3	-	-
West South Central	6,214	100.0	43.7	28.6	4.9	-	22.8	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	25,224	100.0	66.5	11.0	2.2	-	20.1	.1	.1
Middle Atlantic, total	1,781	100.0	71.5	19.6	5.4	0.1	2.3	1.0	.1
Shipments to--									
Middle Atlantic	376	100.0	48.9	25.1	16.1	-	7.0	2.9	-
East North Central	386	100.0	80.9	17.0	.7	-	-	.9	.5
South Atlantic	243	100.0	64.8	24.7	7.9	-	2.0	.6	-
East North Central, total	1,864	100.0	60.2	16.3	7.3	-	15.5	.3	.4
Shipments to--									
Middle Atlantic	309	100.0	76.2	16.8	6.4	-	.1	-	.5
East North Central	696	100.0	30.8	19.0	13.0	-	36.3	-	.9
South Atlantic, total	2,019	100.0	58.8	27.0	7.5	-	6.6	-	.1
Shipments to--									
Middle Atlantic	266	100.0	49.0	46.5	4.5	-	-	-	-
South Atlantic	916	100.0	67.6	21.1	11.1	-	-	-	.2
East South Central, total	3,985	100.0	81.7	10.2	1.9	-	6.2	-	-
Shipments to--									
East North Central	830	100.0	77.5	18.5	.2	-	3.8	-	-
South Atlantic	1,130	100.0	97.9	2.0	.1	-	-	-	-
East South Central	443	100.0	68.5	12.7	.3	-	18.5	-	-
West South Central, total	13,105	100.0	60.9	5.5	.3	-	33.3	-	-
Shipments to--									
Middle Atlantic	3,261	100.0	35.5	2.1	-	-	62.4	-	-
East North Central	1,556	100.0	54.3	7.6	-	-	38.1	-	-
South Atlantic	1,483	100.0	96.2	3.4	.4	-	-	-	-
East South Central	763	100.0	77.3	8.5	1.3	-	12.9	-	-
West South Central	993	100.0	52.2	24.7	1.8	-	21.3	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 072--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Industrial Chemicals

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	56,115	12,409	20,413	23,293	(X)	(X)	(X)	(X)
Ton-miles ..... millions..	(X)	(X)	(X)	(X)	25,224	3,085	7,211	14,928
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	55.2	54.6	55.5	55.3	66.5	78.3	74.5	60.2
Motor carrier.....	22.4	23.5	27.1	17.7	11.0	13.5	16.4	7.9
Private truck.....	8.8	21.6	7.6	2.9	2.2	7.9	2.7	.7
Air.....	-	-	-	-	-	-	-	-
Water.....	13.3	.1	9.6	23.6	20.1	.2	6.3	31.0
Other.....	.2	-	-	.5	.1	-	-	.2
Unknown.....	.1	.2	.2	-	.1	.1	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	27.3	47.3	26.2	17.5	2.8	9.1	3.1	1.4
100 to 199 miles.....	15.6	19.2	19.5	10.3	5.2	11.4	8.3	2.4
200 to 299 miles.....	10.5	7.7	12.9	9.9	5.8	7.1	9.3	3.9
300 to 399 miles.....	9.2	8.1	9.9	9.3	7.0	10.6	9.4	5.1
400 to 499 miles.....	6.6	2.7	9.2	6.5	6.6	4.8	11.8	4.4
500 to 999 miles.....	17.1	11.5	15.6	21.3	27.8	32.8	30.5	25.5
1,000 miles and over.....	13.7	3.5	6.7	25.2	44.8	24.2	27.6	57.3

Table 8. SHIPPER CLASS 072--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Industrial Chemicals

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	93.1	91.7	94.3	98.2
Highway facilities	78.9	75.0	80.9	96.3
Rail and highway facilities	72.0	66.7	75.1	94.5
Air facilities	69.5	62.5	75.1	92.6
Rail, highway, and air facilities	56.7	50.0	60.0	87.1
Water facilities	30.1	20.8	36.2	65.7
Rail, highway, air, and water facilities	25.5	16.7	31.7	58.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. None of the plants reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 073--Percent Distribution of Distance, by Means of Transport: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	12,257	100.0	35.8	51.6	11.0	-	0.9	0.6	0.1
Under 50 miles	1,116	100.0	14.4	64.3	19.7	-	1.1	.3	.2
50 to 99 miles	1,061	100.0	15.8	69.6	13.4	-	.1	.9	.2
100 to 199 miles	1,609	100.0	13.6	68.3	15.9	-	.6	1.3	.3
200 to 299 miles	1,715	100.0	18.4	66.0	13.9	-	.3	1.3	.1
300 to 399 miles	1,312	100.0	29.5	58.7	11.4	-	-	.2	.2
400 to 499 miles	1,109	100.0	37.2	51.9	10.3	-	-	.5	.1
500 to 599 miles	945	100.0	45.4	44.5	10.0	-	-	-	.1
600 to 799 miles	1,176	100.0	60.2	33.4	6.0	-	-	.4	-
800 to 999 miles	657	100.0	56.8	38.0	4.7	-	.3	-	.2
1,000 to 1,199 miles	608	100.0	79.6	13.6	4.9	0.1	1.5	.2	.1
1,200 to 1,499 miles	304	100.0	66.0	22.5	1.9	.1	8.9	.4	.2
1,500 to 1,999 miles	316	100.0	88.3	9.9	.7	.1	.8	.2	-
2,000 miles and over	329	100.0	76.5	11.8	.1	.2	11.2	.2	-
	(millions of ton-miles)								
TON-MILES									
Total	6,031	100.0	55.7	34.5	6.4	.1	2.8	.4	.1
Under 50 miles	28	100.0	10.1	65.8	21.8	-	1.7	.4	.2
50 to 99 miles	78	100.0	14.4	70.1	14.1	-	.1	1.0	.3
100 to 199 miles	235	100.0	12.5	68.9	16.4	-	.5	1.4	.3
200 to 299 miles	421	100.0	18.6	65.8	13.8	-	.3	1.4	.1
300 to 399 miles	455	100.0	29.8	58.5	11.3	-	-	.2	.2
400 to 499 miles	501	100.0	37.4	51.6	10.3	-	-	.6	.1
500 to 599 miles	515	100.0	45.2	44.7	10.0	-	-	-	.1
600 to 799 miles	810	100.0	60.3	33.4	5.9	-	-	.4	-
800 to 999 miles	590	100.0	57.4	37.3	4.8	-	.3	-	.2
1,000 to 1,199 miles	668	100.0	79.8	13.6	4.7	.1	1.5	.2	.1
1,200 to 1,499 miles	410	100.0	66.0	22.3	1.8	.1	9.3	.3	.2
1,500 to 1,999 miles	555	100.0	88.3	9.9	.7	.1	.8	.2	-
2,000 miles and over	765	100.0	73.1	11.6	.2	.2	14.7	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 073--Percent Distribution of Weight, by Means of Transport: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	11,588	100.0	36.9	51.6	9.9	1.6
Under 1,000 pounds	107	100.0	2.2	85.9	6.0	5.9
Under 50 pounds	3	100.0	2.8	45.7	7.4	44.1
50 to 99 pounds	4	100.0	2.6	76.0	4.0	17.4
100 to 199 pounds	8	100.0	3.3	79.0	2.1	15.6
200 to 499 pounds	33	100.0	1.5	88.1	5.2	5.2
500 to 999 pounds	59	100.0	2.4	88.3	7.0	2.3
1,000 to 9,999 pounds	780	100.0	2.1	84.3	11.3	2.3
1,000 to 1,999 pounds	95	100.0	.9	90.6	6.5	2.0
2,000 to 2,999 pounds	121	100.0	1.7	87.6	8.4	2.3
3,000 to 3,999 pounds	77	100.0	.7	87.3	9.2	2.8
4,000 to 4,999 pounds	74	100.0	1.9	84.9	11.1	2.1
5,000 to 9,999 pounds	413	100.0	2.9	81.1	13.7	2.3
10,000 to 29,999 pounds	1,668	100.0	3.5	76.2	19.0	1.3
10,000 to 19,999 pounds	552	100.0	4.8	74.1	19.2	1.9
20,000 to 29,999 pounds	1,116	100.0	2.9	77.0	19.0	1.1
30,000 to 59,999 pounds	4,762	100.0	10.1	73.1	15.0	1.8
30,000 to 39,999 pounds	2,264	100.0	4.1	77.7	17.5	.7
40,000 to 49,999 pounds	2,050	100.0	7.8	74.7	14.6	2.9
50,000 to 59,999 pounds	448	100.0	50.8	43.4	3.9	1.9
60,000 to 89,999 pounds	1,424	100.0	79.4	18.4	1.2	1.0
60,000 to 69,999 pounds	400	100.0	66.1	32.5	.4	1.0
70,000 to 79,999 pounds	486	100.0	84.6	13.9	1.5	-
80,000 to 89,999 pounds	538	100.0	84.8	11.9	1.6	1.7
90,000 pounds and over	2,847	100.0	90.9	7.5	.3	1.3
TON-MILES	(millions of ton-miles)					
Total	5,798	100.0	56.7	33.8	6.1	3.4
Under 1,000 pounds	53	100.0	6.3	79.3	1.9	12.5
Under 50 pounds	1	100.0	5.6	37.1	.9	56.4
50 to 99 pounds	2	100.0	6.1	61.0	1.0	31.9
100 to 199 pounds	6	100.0	6.0	59.1	.8	34.1
200 to 499 pounds	16	100.0	2.8	84.9	1.7	10.6
500 to 999 pounds	28	100.0	8.5	83.8	2.3	5.4
1,000 to 9,999 pounds	279	100.0	6.4	83.9	5.7	4.0
1,000 to 1,999 pounds	40	100.0	4.1	89.2	3.1	3.6
2,000 to 2,999 pounds	46	100.0	8.3	84.4	3.3	4.0
3,000 to 3,999 pounds	29	100.0	1.4	87.2	3.9	7.5
4,000 to 4,999 pounds	27	100.0	7.9	81.4	7.8	2.9
5,000 to 9,999 pounds	137	100.0	7.3	81.9	7.3	3.5
10,000 to 29,999 pounds	600	100.0	10.5	66.7	15.6	7.2
10,000 to 19,999 pounds	182	100.0	15.5	64.5	16.8	3.2
20,000 to 29,999 pounds	418	100.0	8.3	67.8	15.1	8.8
30,000 to 59,999 pounds	1,729	100.0	21.6	63.2	13.1	2.1
30,000 to 39,999 pounds	795	100.0	9.7	72.6	16.2	1.5
40,000 to 49,999 pounds	681	100.0	16.7	66.6	14.0	2.7
50,000 to 59,999 pounds	253	100.0	72.4	24.3	1.1	2.2
60,000 to 89,999 pounds	808	100.0	83.2	13.9	1.0	1.9
60,000 to 69,999 pounds	183	100.0	78.3	18.6	.1	3.0
70,000 to 79,999 pounds	283	100.0	80.4	18.1	1.5	-
80,000 to 89,999 pounds	342	100.0	87.9	8.0	1.1	3.0
90,000 pounds and over	2,329	100.0	92.8	3.4	.3	3.5

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 073--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	11,588	100.0	36.9	51.6	9.9	1.6
Under 200 miles	3,499	100.0	15.3	69.4	13.7	1.6
Under 1,000 pounds	38	100.0	.1	83.1	13.3	3.5
1,000 to 9,999 pounds	343	100.0	.8	78.9	17.5	2.8
10,000 to 29,999 pounds	682	100.0	.4	76.2	21.9	1.5
30,000 to 59,999 pounds	1,753	100.0	2.5	80.6	14.9	2.0
60,000 to 89,999 pounds	295	100.0	64.4	35.1	.5	-
90,000 pounds and over	388	100.0	76.1	23.5	.4	-
200 to 399 miles	2,851	100.0	23.3	63.7	11.8	1.2
Under 1,000 pounds	25	100.0	.3	95.0	1.3	3.4
1,000 to 9,999 pounds	198	100.0	1.4	89.7	7.1	1.8
10,000 to 29,999 pounds	484	100.0	.8	81.0	17.9	.3
30,000 to 59,999 pounds	1,455	100.0	5.4	77.2	15.6	1.8
60,000 to 89,999 pounds	276	100.0	75.0	22.1	2.9	-
90,000 pounds and over	413	100.0	90.5	9.5	-	-
400 to 599 miles	1,958	100.0	41.8	47.4	10.4	.4
Under 1,000 pounds	15	100.0	.6	92.4	3.8	3.2
1,000 to 9,999 pounds	104	100.0	2.7	91.1	5.4	.8
10,000 to 29,999 pounds	241	100.0	1.7	81.1	17.1	.1
30,000 to 59,999 pounds	803	100.0	13.2	67.5	18.5	.8
60,000 to 89,999 pounds	359	100.0	84.9	13.1	2.0	-
90,000 pounds and over	436	100.0	91.7	8.3	-	-
600 to 999 miles	1,762	100.0	60.4	33.7	5.4	.5
Under 1,000 pounds	15	100.0	5.0	87.6	2.2	5.2
1,000 to 9,999 pounds	93	100.0	2.1	88.6	8.4	.9
10,000 to 29,999 pounds	193	100.0	14.7	66.7	18.4	.2
30,000 to 59,999 pounds	503	100.0	27.6	61.0	10.2	1.2
60,000 to 89,999 pounds	275	100.0	88.2	11.8	-	-
90,000 pounds and over	683	100.0	95.4	4.5	-	.1
1,000 miles and over	1,518	100.0	78.7	13.7	2.5	5.1
Under 1,000 pounds	14	100.0	10.1	68.9	.7	20.3
1,000 to 9,999 pounds	42	100.0	15.2	74.8	1.6	8.4
10,000 to 29,999 pounds	68	100.0	29.2	47.5	7.1	16.2
30,000 to 59,999 pounds	249	100.0	45.2	40.8	10.1	3.9
60,000 to 89,999 pounds	218	100.0	85.6	8.1	.2	6.1
90,000 pounds and over	927	100.0	93.6	1.6	.7	4.1
TON-MILES	(millions of ton-miles)					
Total[1]	5,798	100.0	56.7	33.8	6.1	3.4
Under 200 miles	314	100.0	13.4	71.2	13.6	1.8
Under 1,000 pounds	3	100.0	.1	90.8	6.1	3.0
1,000 to 9,999 pounds	29	100.0	.8	87.2	10.2	1.8
10,000 to 29,999 pounds	62	100.0	.3	77.5	20.9	1.3
30,000 to 59,999 pounds	167	100.0	2.7	78.9	15.9	2.5
60,000 to 89,999 pounds	24	100.0	56.9	42.4	.7	-
90,000 pounds and over	29	100.0	81.8	18.1	.1	-
200 to 399 miles	828	100.0	24.6	63.1	11.4	.9
Under 1,000 pounds	8	100.0	.3	95.1	1.2	3.4
1,000 to 9,999 pounds	57	100.0	1.7	89.6	6.8	1.9
10,000 to 29,999 pounds	141	100.0	1.0	80.5	18.2	.3
30,000 to 59,999 pounds	411	100.0	5.5	77.7	15.1	1.7
60,000 to 89,999 pounds	82	100.0	74.1	22.1	3.8	-
90,000 pounds and over	129	100.0	91.1	8.9	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 073--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	968	100.0	42.2	47.0	10.4	0.4
Under 1,000 pounds	7	100.0	.7	91.8	4.1	3.4
1,000 to 9,999 pounds	51	100.0	2.8	90.9	5.5	.8
10,000 to 29,999 pounds	119	100.0	1.5	81.1	17.3	.1
30,000 to 59,999 pounds	393	100.0	13.8	66.9	18.5	.8
60,000 to 89,999 pounds	179	100.0	84.2	13.5	2.3	-
90,000 pounds and over	219	100.0	91.9	8.1	-	-
600 to 999 miles	1,345	100.0	60.5	33.7	5.3	.5
Under 1,000 pounds	11	100.0	5.1	87.6	1.9	5.4
1,000 to 9,999 pounds	69	100.0	2.0	89.1	8.0	.9
10,000 to 29,999 pounds	147	100.0	14.8	65.8	19.2	.2
30,000 to 59,999 pounds	386	100.0	28.3	61.0	9.6	1.1
60,000 to 89,999 pounds	200	100.0	87.0	13.0	-	-
90,000 pounds and over	532	100.0	95.2	4.6	-	.2
1,000 miles and over	2,343	100.0	78.0	13.1	1.8	7.1
Under 1,000 pounds	24	100.0	11.2	65.3	.8	22.7
1,000 to 9,999 pounds	72	100.0	19.3	68.1	1.1	11.5
10,000 to 29,999 pounds	132	100.0	28.8	35.2	4.8	31.2
30,000 to 59,999 pounds	373	100.0	49.4	38.1	7.7	4.8
60,000 to 89,999 pounds	323	100.0	84.5	10.6	.1	4.8
90,000 pounds and over	1,419	100.0	92.6	1.4	.5	5.5

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 073--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	12,257	100.0	35.8	51.6	11.0	-	0.9	0.6	0.1
New England	1,085	100.0	21.0	64.7	13.4	-	-	.6	.3
Middle Atlantic	2,187	100.0	22.3	56.5	18.1	0.1	2.7	.2	.1
East North Central	2,716	100.0	40.7	53.2	5.5	-	-	.5	.1
South Atlantic	2,048	100.0	17.8	63.1	17.6	-	1.0	.4	.1
East South Central	1,549	100.0	32.2	54.0	12.9	-	-	.6	.3
West South Central	1,722	100.0	84.2	13.6	1.2	-	.8	.1	.1
Pacific[1]	875	100.0	27.0	58.4	9.5	-	1.6	3.5	-
Balance of United States[2]	75	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	6,031	100.0	55.7	34.5	6.4	.1	2.8	.4	.1
New England	345	100.0	47.8	45.9	5.5	.1	-	.6	.1
Middle Atlantic	940	100.0	38.5	37.9	13.1	.2	10.2	.1	-
East North Central	1,238	100.0	58.9	36.3	4.3	-	.2	.2	.1
South Atlantic	765	100.0	27.6	59.2	11.2	-	1.2	.6	.2
East South Central	700	100.0	40.8	48.5	10.1	-	.1	.4	.1
West South Central	1,491	100.0	85.9	11.4	1.1	-	1.4	.1	.1
Pacific[1]	502	100.0	61.9	24.4	4.0	.1	7.9	1.7	-
Balance of United States[2]	50	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 073--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	12,257	12,257	1,012	2,746	2,797	524	2,569	764	656	106	1,083
Ton-miles.....millions..	6,031	6,031	463	1,095	1,244	322	1,054	357	389	89	1,018
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	12,257	100.0	8.3	22.4	22.8	4.3	21.0	6.2	5.3	0.9	8.8
Shipments from--											
New England.....	1,085	100.0	34.5	40.2	10.4	1.3	8.1	3.0	.1	-	2.4
Middle Atlantic.....	2,187	100.0	9.5	41.3	23.1	2.3	13.4	3.4	2.0	.2	4.8
East North Central.....	2,716	100.0	5.0	16.8	44.1	7.5	8.8	6.6	5.9	1.1	4.2
South Atlantic.....	2,048	100.0	5.2	17.0	9.1	1.9	56.0	6.5	2.2	-	2.1
East South Central.....	1,549	100.0	5.3	21.0	14.0	2.3	37.6	11.5	5.4	.5	2.4
West South Central.....	1,722	100.0	6.0	12.7	29.0	9.9	9.5	9.2	18.0	.4	5.3
Pacific[2].....	875	100.0	-	4.7	5.4	.6	5.3	.9	1.1	6.7	75.3
Balance of U.S.[3].....	75	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	6,031	100.0	7.7	18.1	20.7	5.3	17.5	5.9	6.4	1.5	16.9
Shipments from--											
New England.....	345	100.0	6.2	24.0	22.8	4.2	15.8	7.4	.5	.1	19.0
Middle Atlantic.....	940	100.0	6.2	10.7	24.2	4.8	15.0	4.9	6.0	.8	27.4
East North Central.....	1,238	100.0	6.9	15.9	18.1	6.9	10.1	8.0	13.4	2.8	17.9
South Atlantic.....	765	100.0	8.2	15.5	8.2	3.8	38.4	7.8	5.5	.1	12.5
East South Central.....	700	100.0	9.5	26.8	11.4	3.1	25.0	4.8	8.0	1.3	10.1
West South Central.....	1,491	100.0	11.2	19.9	32.3	7.9	10.7	5.2	3.6	.5	8.7
Pacific[2].....	502	100.0	-	19.0	16.0	1.4	19.6	2.9	2.4	5.8	32.9
Balance of U.S.[3].....	50	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 073--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,257	100.0	35.8	51.6	11.0	-	0.9	0.6	0.1
New England, total	1,085	100.0	21.0	64.7	13.4	-	-	.6	.3
Shipments to--									
New England	374	100.0	7.1	60.4	30.7	-	-	1.4	.4
Middle Atlantic	437	100.0	10.2	85.7	3.8	-	-	-	.3
Middle Atlantic, total	2,187	100.0	22.3	56.5	18.1	0.1	2.7	.2	.1
Shipments to--									
New England	209	100.0	2.0	72.4	25.1	-	-	.1	.4
Middle Atlantic	902	100.0	13.1	66.0	18.9	.1	1.5	.3	.1
East North Central	506	100.0	33.0	54.6	12.2	.1	-	.1	-
South Atlantic	294	100.0	25.1	45.7	26.5	-	2.4	.2	.1
East South Central	74	100.0	25.6	35.7	38.0	.1	-	.1	.5
Pacific	104	100.0	70.9	7.7	-	.4	21.0	-	-
East North Central, total	2,716	100.0	40.7	53.2	5.5	-	-	.5	.1
Shipments to--									
New England	136	100.0	59.8	38.0	2.1	.1	-	-	-
Middle Atlantic	456	100.0	51.3	47.4	1.3	-	-	-	-
East North Central	1,199	100.0	19.4	73.7	5.9	-	-	.8	.2
West North Central	204	100.0	41.6	44.9	13.4	.1	-	-	-
South Atlantic	239	100.0	58.1	34.7	5.9	-	-	1.3	-
South Atlantic, total	2,048	100.0	17.8	63.1	17.6	-	1.0	.4	.1
Shipments to--									
New England	107	100.0	6.4	88.3	5.3	-	-	-	-
Middle Atlantic	348	100.0	27.5	61.5	7.8	.1	2.8	-	.3
East North Central	186	100.0	27.9	70.7	1.2	-	-	.1	.1
South Atlantic	1,147	100.0	10.8	62.0	26.0	-	.8	.3	.1
East South Central	133	100.0	21.9	58.8	15.3	-	-	4.0	-
East South Central, total	1,549	100.0	32.2	54.0	12.9	-	-	.6	.3
Shipments to--									
Middle Atlantic	325	100.0	47.2	43.7	9.1	-	-	-	-
East North Central	217	100.0	28.0	51.0	20.3	-	-	.7	-
South Atlantic	584	100.0	24.0	63.8	10.8	-	-	1.1	.3
West South Central, total	1,722	100.0	84.2	13.6	1.2	-	.8	.1	.1
Shipments to--									
East North Central	498	100.0	85.5	11.8	2.3	-	-	.2	.2
West South Central	310	100.0	79.7	20.1	.2	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	6,031	100.0	55.7	34.5	6.4	.1	2.8	.4	.1
New England, total	345	100.0	47.8	45.9	5.5	.1	-	.6	.1
Shipments to--									
New England	22	100.0	7.4	63.5	25.6	-	-	2.6	.9
Middle Atlantic	83	100.0	12.9	82.9	3.8	-	-	-	.4
Middle Atlantic, total	940	100.0	38.5	37.9	13.1	.2	10.2	.1	-
Shipments to--									
New England	58	100.0	2.9	65.7	31.1	-	-	.1	.2
Middle Atlantic	101	100.0	17.8	62.0	19.5	.1	.5	.1	-
East North Central	228	100.0	36.6	54.2	9.0	.1	-	.1	-
South Atlantic	141	100.0	27.4	35.8	32.6	.1	3.9	.2	-
East South Central	46	100.0	26.1	39.7	33.6	.1	-	.1	.4
Pacific	258	100.0	65.8	7.3	-	.4	26.5	-	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 073--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	1,238	100.0	58.9	36.3	4.3	-	0.2	0.2	0.1
Shipments to--									
New England	86	100.0	58.8	38.7	2.4	0.1	-	-	-
Middle Atlantic	197	100.0	56.4	42.1	1.5	-	-	-	-
East North Central	222	100.0	20.5	73.8	5.1	-	-	.4	.2
West North Central	86	100.0	48.0	40.0	11.9	.1	-	-	-
South Atlantic	125	100.0	58.1	33.0	7.8	-	-	1.1	-
South Atlantic, total	765	100.0	27.6	59.2	11.2	-	1.2	.6	.2
Shipments to--									
New England	62	100.0	6.8	88.3	4.9	-	-	-	-
Middle Atlantic	118	100.0	30.7	56.1	6.4	.2	6.2	-	.4
East North Central	62	100.0	28.4	69.9	1.5	-	-	.1	.1
South Atlantic	294	100.0	12.7	66.0	20.4	-	.4	.4	.1
East South Central	59	100.0	26.6	56.1	12.6	-	-	4.7	-
East South Central, total	700	100.0	40.8	48.5	10.1	-	.1	.4	.1
Shipments to--									
Middle Atlantic	187	100.0	47.0	44.3	8.7	-	-	-	-
East North Central	80	100.0	30.2	48.3	20.8	-	-	.7	-
South Atlantic	175	100.0	30.2	59.4	9.0	-	-	1.2	.2
West South Central, total	1,491	100.0	85.9	11.4	1.1	-	1.4	.1	.1
Shipments to--									
East North Central	482	100.0	86.5	10.9	2.2	-	-	.2	.2
West South Central	53	100.0	82.3	17.5	.2	-	-	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 073--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	12,257	1,750	3,365	7,142	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	6,031	562	2,133	3,336
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	35.8	8.2	45.4	38.0	55.7	19.1	64.9	55.9
Motor carrier.....	51.6	66.1	45.1	51.2	34.5	53.9	27.3	35.9
Private truck.....	11.0	22.0	7.7	9.9	6.4	20.0	3.2	6.3
Air.....	-	-	-	-	.1	.2	-	.1
Water.....	.9	1.1	1.2	.6	2.8	4.7	4.3	1.6
Other.....	.6	2.4	.3	.3	.4	1.9	.2	.2
Unknown.....	.1	.2	.3	-	.1	.2	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	17.8	32.3	18.4	13.9	1.8	5.4	1.2	1.5
100 to 199 miles.....	13.1	17.3	9.9	13.6	3.9	8.2	2.3	4.2
200 to 299 miles.....	14.0	14.7	9.9	15.7	7.0	11.2	3.9	8.2
300 to 399 miles.....	10.7	12.6	7.7	11.6	7.5	13.4	4.3	8.7
400 to 499 miles.....	9.1	5.1	7.1	10.9	8.3	7.1	5.0	10.6
500 to 999 miles.....	22.6	12.1	25.4	24.1	31.7	25.4	29.6	34.2
1,000 miles and over.....	12.7	5.9	21.6	10.2	39.8	29.3	53.7	32.6

Table 8. SHIPPER CLASS 073--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Plastics Materials and Synthetic Resins, Rubber, and Fibers

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	72.6	58.5	87.1	92.3
Highway facilities	88.1	96.0	83.4	73.1
Rail and highway facilities	60.7	54.5	70.6	65.4
Air facilities	80.6	84.2	77.1	75.6
Rail, highway, and air facilities	49.8	44.6	57.0	55.1
Water facilities	29.2	23.7	36.8	34.6
Rail, highway, air, and water facilities	19.9	13.8	30.9	23.1

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.1 percent reported they did not have any of the above transportation facilities available.

Shipper Group 8

Drugs, Paints, and Other Chemical Products

081 Drugs

082 Soap, detergents, perfume, cosmetics, and other toilet preparations

083 Paint and allied products

084 Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products

SAMPLE SIZE

The sample for this shipper group consisted of 752 establishments, of which 691 were in scope and provided data from 85,164 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (61 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 08 and their related SIC industries are as follows:

Shipper Class 081.--Drugs
- SIC 2831.--Biological products
- SIC 2833.--Medicinal chemicals and botanical products
- SIC 2834.--Pharmaceutical preparations

Shipper Class 082.--Soap, detergents, perfume, cosmetics, and other toilet preparations
- SIC 2841.--Soap and other detergents, except specialty cleaners
- SIC 2842.--Specialty cleaning, polishing, and sanitation preparations, except soap and detergents
- SIC 2843.--Surface active agents, finishing agents, sulfonated oils, and assistants
- SIC 2844.--Perfumes, cosmetics, and other toilet preparations

Shipper Class 083.--Paint and allied products
- SIC 2851.--Paints, varnishes, lacquers, enamels, and allied products

Shipper Class 084.--Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products
- SIC 2861.--Gum and wood chemicals
- SIC 2871.--Fertilizers
- SIC 2872.--Fertilizers, mixing only
- SIC 2879.--Agricultural pesticides and other agricultural chemicals, n.e.c.
- SIC 2891.--Adhesives and gelatin
- SIC 2892.--Explosives
- SIC 2893.--Printing ink
- SIC 2899.--Chemicals and chemical preparations, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
081–Drugs	2831	2831,2833,2834
082–Soap, detergents, perfume, cosmetics, and other toilet prepartions	2841,2842,2843,2844	2841,2842,2843,2844
083–Paint and allied products	2851	2851
084–Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products	2861,2871,2879,2891, 2892,2893,2899	2861,2871,2872,2879 2891,2892,2893,2899

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 79 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 08	61,169	100.0	78.7	21.3
Class 081	1,917	100.0	83.3	16.7
Class 082	10,372	100.0	77.6	22.4
Class 083	5,061	100.0	85.6	14.4
Class 084	43,819	100.0	77.9	22.1

SUMMARY OF FINDINGS

GENERAL—Manufacturing plants in the Drugs, Paints, and Other Chemical Products Shipper Group shipped (beyond the local area) about 61,169,000 tons of commodities during 1967. Those shipments generated about 19 billion ton-miles by all means of transport combined, averaging about 312 straight-line miles per ton shipped.

As shown in table A, the Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products Shipper Class accounted for 72 percent of the total tons in this group. The Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations Shipper Class accounted for 17 percent of the total tons, the Paint and Allied Products Shipper Class accounted for 8 percent, and the Drugs Shipper Class accounted for 3 percent.

Rails were the dominant means of transport for the shipper group, accounting for 37 percent, and for the Chemicals Shipper Class, accounting for 43 percent. Motor carriers hauled 35 percent of the total tons for the shipper group as a whole, and were the dominant means of transport for the other three shipper classes.

When measured in terms of ton-miles, rather than tons, the rail share increased because of longer hauls. Of the 19 billion ton-miles for the shipper group, rails accounted for 10 billion, motor carriers for 6 billion, private trucks for 1.5 billion, and all other means of transport (principally water) accounted for about 2 billion ton-miles.

1967 DATA COMPARED WITH 1963—The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 9 percent of the total intercity shipments by manufactures in this shipper group.

Table B presents data for the Drugs, Paints, and Other Chemical Products Shipper Group and each shipper class for both years. An increase for the shipper group is indicated in the table, from 55.1 million tons in 1963 to 61.2 million tons in 1967. Slight increases are shown for shipper classes 082 (soap, detergents, perfume) and 083 (paint and allied products). An increase of about 4.7 million tons is indicated for shipper class 084 (gum, wood, and agricultural chemicals); and a slight decrease is shown for the Drugs Shipper Class.

As shown in table C, the relative distribution of tons by means of transport for the two years is fairly stable. Among the major changes were declines in the rail share of tons for the shipper group and shipper class 084 (chemicals), both of which were largely offset by an increase in "other" transport. In shipper class 082 (soaps and detergents), the motor carrier share dropped about 9 percent which was picked up mostly by an increase in the private truck share.

There is a general tendency toward shorter hauls in 1967 for the shipper group for all means of transport except motor carriers. Shipper class 081 (drugs) shows the same pattern. Shorter hauls are indicated for all means of transport in shipper class 084 (chemicals). Shipper classes 082 (soap and detergents) shows longer hauls in 1967, except by private truck, and shipper class 083 (paint) shows shorter hauls in 1967, except by private truck.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 08: Drugs, paints, and other chemical products	61,169	22,440	21,350	11,556	5,823
Shipper Classes:					
081. Drugs	1,917	579	1,149	118	71
082. Soap, detergents, perfume, cosmetics and other toilet preparations	10,372	2,466	6,385	1,388	133
083. Paint and allied products	5,061	514	3,752	771	24
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products	43,819	18,881	10,064	9,279	5,595
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 08: Drugs, paints, and other chemical products	19,090	10,034	5,804	1,516	1,736
Shipper Classes:					
081. Drugs	1,364	586	667	30	81
082. Soap, detergents, perfume, cosmetics and other toilet preparations	4,183	1,651	2,105	198	229
083. Paint and allied products	1,684	311	1,182	176	15
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products	11,859	7,485	1,850	1,112	1,412

Note: Because of rounding, detail amy not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 08: Drugs, paints, and other chemical products	61,169	55,129	60,318
Shipper Classes:			
081. Drugs	1,917	2,043	2,090
082. Soap, detergents, perfume, cosmetics, and other toilet preparations	10,372	9,085	9,479
083. Paint and allied products	5,061	4,925	5,093
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products	43,819	39,076	43,656

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 08: Drugs, paints, and other chemical products:					
1967	100.0	36.7	34.9	18.9	9.5
1963	100.0	42.0	34.8	19.9	3.3
Shipper Classes					
081. Drugs:					
1967	100.0	30.2	60.0	6.2	3.6
1963	100.0	22.0	61.7	3.9	12.4
082. Soap, detergents, perfume, cosmetics, and other toilet preparations:					
1967	100.0	23.8	61.5	13.4	1.3
1963	100.0	21.7	70.8	3.6	3.9
083. Paint and allied products:					
1967	100.0	10.2	74.1	15.2	.5
1963	100.0	8.6	62.3	19.5	9.6
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products:					
1967	100.0	43.0	23.0	21.2	12.8
1963	100.0	51.5	22.4	24.2	1.9
TON-MILES					
Shipper Group 08: Drugs, paints, and other chemical products:					
1967	100.0	52.6	30.4	7.9	9.1
1963	100.0	61.5	24.3	7.3	6.9
Shipper Classes					
081. Drugs:					
1967	100.0	42.9	48.9	2.2	6.0
1963	100.0	31.4	40.0	1.4	27.2
082. Soap, detergents, perfume, cosmetics, and other toilet preparations:					
1967	100.0	39.5	50.3	4.7	5.5
1963	100.0	36.9	54.2	2.0	6.9
083. Paint and allied products:					
1967	100.0	18.5	70.2	10.4	.9
1963	100.0	15.7	56.6	11.5	16.2
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products:					
1967	100.0	63.2	15.6	9.4	11.8
1963	100.0	75.2	12.4	8.6	3.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 08: Drugs, paints, and other chemical products:				
1967	312	447	272	131
1963	384	562	268	141
SHIPPER CLASSES				
081. Drugs:				
1967	712	1,012	581	254
1963	744	1,063	482	268
082. Soap, detergents, perfume, cosmetics, and other toilet preparations:				
1967	403	670	330	143
1963	380	647	291	211
083. Paint and allied products:				
1967	333	605	315	228
1963	365	667	332	216
084. Gum and wood chemicals, agricultural chemicals, and miscellaneous chemical products:				
1967	271	396	184	120
1963	369	539	205	131

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 08: Drugs, Paints, and Other Chemical Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	36.7	35.5	18.8	9.0
1963	100.0	46.5	33.4	17.6	2.5
Distance (straight-line miles)					
Under 200 miles:					
1967	100.0	22.5	36.3	28.3	12.9
1963	100.0	28.0	41.5	29.5	1.0
200 to 399 miles:					
1967	100.0	46.0	42.7	11.0	.3
1963	100.0	44.8	38.4	14.1	2.7
400 to 599 miles:					
1967	100.0	55.6	32.4	6.1	5.9
1963	100.0	62.0	29.9	5.1	3.0
600 to 999 miles:					
1967	100.0	61.8	28.6	3.7	5.9
1963	100.0	74.9	16.6	3.9	4.6
1,000 miles and over:					
1967	100.0	67.5	20.1	1.2	11.2
1963	100.0	79.9	13.2	1.0	5.9
Weight					
Under 1,000 pounds:					
1967	100.0	.9	85.8	8.7	4.6
1963	100.0	2.0	83.6	6.4	8.0
1,000 to 9,999 pounds:					
1967	100.0	.9	73.6	24.0	1.5
1963	100.0	1.8	65.2	30.6	2.4
10,000 to 29,999 pounds:					
1967	100.0	3.1	51.4	44.6	.9
1963	100.0	3.6	48.6	45.6	2.2
30,000 to 59,999 pounds:					
1967	100.0	11.6	55.9	31.9	.6
1963	100.0	21.9	50.8	25.9	1.4
60,000 pounds and over:					
1967	100.0	71.6	7.7	2.3	18.4
1963	100.0	91.5	5.3	.3	2.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 08: Drugs, Paints, and Other Chemical Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	36.7	34.9	18.9	9.5
1963	100.0	42.0	34.8	19.9	3.3
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	7.9	26.3	65.0	.8
20 to 99 employees:					
1967	100.0	27.5	37.4	34.6	.5
1963	100.0	29.5	40.1	26.9	3.5
100 to 499 employees:					
1967	100.0	40.0	31.7	10.5	17.8
1963	100.0	53.0	32.2	13.2	1.6
500 employees and over:					
1967	100.0	51.6	38.1	2.1	8.2
1963	100.0	51.5	37.2	2.1	9.2

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 08: Drugs, Paints, and Other Chemical Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	36.7	34.9	18.9	9.5
1963	100.0	42.0	34.8	19.9	3.3
Middle Atlantic:					
1967	100.0	10.4	61.2	25.8	2.6
1963	100.0	11.4	71.7	8.5	8.4
East North Central:					
1967	100.0	20.7	58.9	19.7	.7
1963	100.0	36.0	47.7	13.6	2.7
West North Central:					
1967	100.0	49.0	29.6	21.2	.2
1963	100.0	35.3	48.2	13.3	3.2
South Atlantic:					
1967	100.0	42.9	21.2	20.9	15.0
1963	100.0	62.7	22.3	11.4	3.6
East South Central and West South Central:					
1967	100.0	51.3	20.4	9.5	18.8
1963	100.0	47.0	7.2	45.6	.2

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 08: DURGS, PAINTS, AND OTHER CHEMICAL PRODUCTS		
Total shipments	61,169	7.0
Shipments by--		
Rail	22,440	10.6
Motor carrier	21,350	11.2
Private truck	11,556	17.8
All other	5,823	-
Shipments from--		
New England Division	1,269	31.2
Middle Atlantic Division	6,068	15.0
East North Central Division	10,785	15.4
West North Central Division	5,891	42.0
South Atlantic Division	22,325	17.8
East South Central Division	3,817	39.2
West South Central Division	7,520	37.4
Pacific Division	3,110	21.4
Balance of United States	384	-
SHIPPER CLASS 081: DRUGS		
Total shipments	1,917	13.0
Shipments by--		
Rail	579	25.0
Motor carrier	1,149	11.2
Private truck	118	55.4
All other	71	-
Shipments from--		
Middle Atlantic Division	907	13.8
East North Central Division	430	30.8
West North Central Division	215	74.6
South Atlantic Division	142	46.0
East South Central Division	96	72.8
Pacific Division	86	21.2
Balance of United States	41	-
SHIPPER CLASS 082: SOAP, DETERGENTS, PERFUME, COSMETICS, AND OTHER TOILET PREPARATIONS		
Total shipments	10,372	6.8
Shipments by--		
Rail	2,466	6.2
Motor carrier	6,385	6.8
Private truck	1,388	40.2
All other	133	-
SHIPPER CLASS 082: SOAP, DETERGENTS, PERFUME, COSMETICS, AND OTHER TOILET PREPARATIONS--Con.		
Shipments from--		
New England Division	567	22.6
Middle Atlantic Division	1,744	17.8
East North Central Division	3,104	6.6
West North Central Division	1,922	30.0
South Atlantic Division	1,200	8.6
West South Central Division	403	22.2
Pacific Division	1,407	21.4
Balance of United States	25	-
SHIPPER CLASS 083: PAINT AND ALLIED PRODUCTS		
Total shipments	5,061	9.2
Shipments by--		
Rail	514	30.8
Motor carrier	3,752	8.4
Private truck	771	18.0
All other	24	-
Shipments from--		
New England Division	180	43.2
Middle Atlantic Division	998	14.6
East North Central Division	1,706	14.8
West North Central Division	381	33.6
South Atlantic Division	344	35.6
East South Central Division	469	38.4
West South Central Division	579	35.8
Pacific Division	393	17.4
Balance of United States	11	-
SHIPPER CLASS 084: GUM AND WOOD CHEMICALS, AGRICULTURAL CHEMICALS, AND MISCELLANEOUS CHEMICAL PRODUCTS		
Total shipments	43,819	10.0
Shipments by--		
Rail	18,881	12.8
Motor carrier	10,064	22.8
Private truck	9,279	22.0
All other	5,595	-
Shipments from--		
Middle Atlantic Division	2,419	35.0
East North Central Division	5,545	31.6
West North Central Division	3,373	71.8
South Atlantic Division	20,638	19.0
East South Central Division	3,240	46.2
West South Central Division	6,530	43.6
Pacific Division	1,224	53.8
Balance of United States	850	-

TABLE 1. SHIPPER GROUP 08--Percent Distribution of Distance, by Means of Transport: 1967

Drugs, Paints, and Other Chemical Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	61,169	100.0	36.7	34.9	18.9	0.1	9.1	0.2	0.1
Under 50 miles	10,582	100.0	9.3	37.8	33.2	.1	19.2	.2	.2
50 to 99 miles	11,635	100.0	25.2	32.9	25.0	-	16.8	-	.1
100 to 199 miles	11,273	100.0	33.8	37.1	28.0	-	.6	.3	.2
200 to 299 miles	7,251	100.0	48.0	39.1	12.7	-	-	.1	.1
300 to 399 miles	4,404	100.0	41.8	47.0	9.6	-	1.5	.1	-
400 to 499 miles	3,531	100.0	52.7	32.4	7.3	.1	7.1	.2	.2
500 to 599 miles	2,281	100.0	60.4	32.5	4.2	.3	2.1	.5	-
600 to 799 miles	4,137	100.0	60.0	29.9	2.9	-	6.9	.3	-
800 to 999 miles	2,778	100.0	54.7	23.1	4.2	.1	17.6	.3	-
1,000 to 1,199 miles	1,456	100.0	63.8	13.8	1.8	.1	20.1	.4	-
1,200 to 1,499 miles	693	100.0	74.6	22.7	.7	.2	1.4	.4	-
1,500 to 1,999 miles	596	100.0	70.0	27.8	1.2	.2	.2	.5	.1
2,000 miles and over	552	100.0	55.0	26.5	.1	.7	15.7	2.0	-
TON-MILES	(millions of ton-miles)								
Total	19,090	100.0	52.6	30.4	7.9	.1	8.5	.4	.1
Under 50 miles	322	100.0	9.3	36.3	32.3	.1	21.7	.1	.2
50 to 99 miles	795	100.0	25.7	34.2	25.8	-	14.1	.1	.1
100 to 199 miles	1,613	100.0	33.9	37.8	27.3	-	.6	.2	.2
200 to 299 miles	1,766	100.0	47.5	39.9	12.3	-	-	.1	.2
300 to 399 miles	1,525	100.0	42.1	46.8	9.4	-	1.6	.1	-
400 to 499 miles	1,556	100.0	52.7	32.5	7.5	.1	6.8	.2	.2
500 to 599 miles	1,260	100.0	60.4	32.4	4.3	.3	2.0	.6	-
600 to 799 miles	2,898	100.0	60.2	29.4	2.8	-	7.3	.3	-
800 to 999 miles	2,476	100.0	54.5	22.7	4.1	.1	18.3	.3	-
1,000 to 1,199 miles	1,579	100.0	62.9	13.9	1.9	.1	20.8	.4	-
1,200 to 1,499 miles	909	100.0	74.3	23.0	.7	.2	1.4	.4	-
1,500 to 1,999 miles	1,036	100.0	70.1	27.8	1.2	.2	.2	.4	.1
2,000 miles and over	1,355	100.0	52.3	25.3	.1	.9	19.4	2.0	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 08--Percent Distribution of Weight, by Means of Transport: 1967

Drugs, Paints, and Other Chemical Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	58,551	100.0	36.7	35.5	18.8	8.6	0.4
Under 1,000 pounds	1,614	100.0	.9	85.8	8.7	.2	4.4
Under 50 pounds	44	100.0	1.2	41.2	3.6	.1	53.9
50 to 99 pounds	62	100.0	1.3	74.6	5.4	.1	18.6
100 to 199 pounds	147	100.0	1.3	85.5	6.7	.4	6.1
200 to 499 pounds	569	100.0	.9	88.0	8.0	.2	2.9
500 to 999 pounds	792	100.0	.8	87.6	10.1	.1	1.4
1,000 to 9,999 pounds	4,973	100.0	.9	73.6	24.0	.1	1.4
1,000 to 1,999 pounds	1,010	100.0	.7	84.7	13.3	.1	1.2
2,000 to 2,999 pounds	838	100.0	.8	78.8	17.7	.2	2.5
3,000 to 3,999 pounds	557	100.0	1.0	73.3	24.4	.1	1.2
4,000 to 4,999 pounds	594	100.0	.6	67.5	31.0	.1	.8
5,000 to 9,999 pounds	1,974	100.0	1.0	67.7	30.0	.1	1.2
10,000 to 29,999 pounds	8,253	100.0	3.1	51.4	44.6	.3	.6
10,000 to 19,999 pounds	4,014	100.0	1.9	50.2	47.2	.2	.5
20,000 to 29,999 pounds	4,239	100.0	4.2	52.6	42.2	.4	.6
30,000 to 59,999 pounds	16,829	100.0	11.6	55.9	31.9	.3	.3
30,000 to 39,999 pounds	5,612	100.0	7.7	60.0	31.6	.4	.3
40,000 to 49,999 pounds	9,540	100.0	7.0	57.4	35.3	.2	.1
50,000 to 59,999 pounds	1,677	100.0	51.3	34.3	13.6	-	.8
60,000 to 89,999 pounds	3,232	100.0	77.5	21.5	.4	.2	.4
60,000 to 69,999 pounds	1,184	100.0	74.8	24.8	.3	-	.1
70,000 to 79,999 pounds	762	100.0	69.6	29.1	-	-	1.3
80,000 to 89,999 pounds	1,286	100.0	84.7	14.0	.7	.6	-
90,000 pounds and over	23,650	100.0	70.8	5.8	2.5	20.9	-
TON-MILES	(millions of ton-miles)						
Total	17,985	100.0	53.8	31.0	7.9	6.6	.7
Under 1,000 pounds	607	100.0	2.5	86.1	2.8	.8	7.8
Under 50 pounds	24	100.0	2.3	36.4	.8	.2	60.3
50 to 99 pounds	32	100.0	2.5	74.7	1.3	.4	21.1
100 to 199 pounds	71	100.0	2.7	82.4	1.8	2.6	10.5
200 to 499 pounds	223	100.0	2.4	89.4	2.3	.8	5.1
500 to 999 pounds	257	100.0	2.6	90.5	3.8	.3	2.8
1,000 to 9,999 pounds	1,441	100.0	2.4	82.8	11.9	.6	2.3
1,000 to 1,999 pounds	321	100.0	1.8	88.5	7.0	.6	2.1
2,000 to 2,999 pounds	257	100.0	2.1	82.1	8.3	2.0	5.5
3,000 to 3,999 pounds	187	100.0	2.1	85.0	11.5	.2	1.2
4,000 to 4,999 pounds	159	100.0	2.3	83.5	13.3	.1	.8
5,000 to 9,999 pounds	517	100.0	3.1	78.6	16.4	.2	1.7
10,000 to 29,999 pounds	1,746	100.0	8.6	63.6	24.3	2.7	.8
10,000 to 19,999 pounds	766	100.0	6.2	65.6	25.5	2.1	.6
20,000 to 29,999 pounds	980	100.0	10.6	61.9	23.3	3.1	1.1
30,000 to 59,999 pounds	4,422	100.0	28.3	52.5	17.7	1.2	.3
30,000 to 39,999 pounds	1,608	100.0	19.6	61.6	16.4	1.9	.5
40,000 to 49,999 pounds	2,093	100.0	18.1	57.6	23.1	1.1	.1
50,000 to 59,999 pounds	721	100.0	77.6	17.5	4.6	-	.3
60,000 to 89,999 pounds	1,899	100.0	85.9	13.1	.1	.9	-
60,000 to 69,999 pounds	748	100.0	86.4	13.5	.1	-	-
70,000 to 79,999 pounds	431	100.0	83.5	16.2	-	-	.3
80,000 to 89,999 pounds	720	100.0	86.3	11.0	.2	2.4	.1
90,000 pounds and over	7,870	100.0	83.9	2.3	.4	13.4	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 08--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Drugs, Paints, and Other Chemical Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	58,551	100.0	36.7	35.5	18.8	8.6	0.4
Under 200 miles	32,413	100.0	22.5	36.3	28.3	12.5	.4
Under 1,000 pounds	764	100.0	.1	81.6	15.7	.1	2.5
1,000 to 9,999 pounds	2,715	100.0	.2	64.0	34.7	.1	1.0
10,000 to 29,999 pounds	5,833	100.0	1.0	42.0	56.3	.1	.6
30,000 to 59,999 pounds	10,153	100.0	2.3	55.7	41.6	.1	.3
60,000 to 89,999 pounds	653	100.0	56.2	40.5	1.9	-	1.4
90,000 pounds and over	12,295	100.0	54.0	8.6	4.7	32.7	-
200 to 399 miles	11,155	100.0	46.0	42.7	11.0	.1	.2
Under 1,000 pounds	367	100.0	.4	92.7	3.5	.1	3.3
1,000 to 9,999 pounds	1,141	100.0	.7	85.2	13.2	-	.9
10,000 to 29,999 pounds	1,150	100.0	4.7	77.3	17.8	-	.2
30,000 to 59,999 pounds	3,521	100.0	14.9	61.0	23.9	.2	-
60,000 to 89,999 pounds	807	100.0	73.2	26.7	-	-	.1
90,000 pounds and over	4,169	100.0	94.8	4.8	.4	-	-
400 to 599 miles	5,592	100.0	55.6	32.4	6.1	5.3	.6
Under 1,000 pounds	174	100.0	1.2	91.4	1.7	.2	5.5
1,000 to 9,999 pounds	510	100.0	1.6	81.7	13.0	-	3.7
10,000 to 29,999 pounds	566	100.0	7.0	73.2	18.3	.1	1.4
30,000 to 59,999 pounds	1,222	100.0	33.0	53.6	13.4	-	-
60,000 to 89,999 pounds	557	100.0	83.6	16.4	-	-	-
90,000 pounds and over	2,563	100.0	85.4	2.9	.1	11.6	-
600 to 999 miles	6,267	100.0	61.8	28.6	3.7	5.6	.3
Under 1,000 pounds	177	100.0	2.8	86.7	1.7	-	8.8
1,000 to 9,999 pounds	398	100.0	2.2	89.3	7.3	.2	1.0
10,000 to 29,999 pounds	493	100.0	12.8	73.2	14.0	-	-
30,000 to 59,999 pounds	1,388	100.0	35.1	55.5	9.3	.1	-
60,000 to 89,999 pounds	787	100.0	85.5	14.3	.1	-	.1
90,000 pounds and over	3,024	100.0	87.0	1.4	-	11.6	-
1,000 miles and over	3,124	100.0	67.5	20.1	1.2	10.3	.9
Under 1,000 pounds	133	100.0	4.0	82.5	1.0	1.1	11.4
1,000 to 9,999 pounds	208	100.0	6.4	86.2	2.7	1.3	3.4
10,000 to 29,999 pounds	210	100.0	19.8	60.9	9.6	8.0	1.7
30,000 to 59,999 pounds	546	100.0	57.1	36.5	1.6	4.0	.8
60,000 to 89,999 pounds	428	100.0	95.2	3.0	-	1.8	-
90,000 pounds and over	1,599	100.0	83.0	-	-	17.0	-
TON-MILES	(millions of ton-miles)						
Total[1]	17,985	100.0	53.8	31.0	7.9	6.6	.7
Under 200 miles	2,628	100.0	28.1	37.1	27.1	7.3	.4
Under 1,000 pounds	68	100.0	.2	86.7	10.7	-	2.4
1,000 to 9,999 pounds	230	100.0	.2	72.1	27.0	-	.7
10,000 to 29,999 pounds	436	100.0	1.2	43.9	54.5	-	.4
30,000 to 59,999 pounds	899	100.0	3.4	54.0	41.9	.3	.4
60,000 to 89,999 pounds	65	100.0	53.3	43.5	2.2	-	1.0
90,000 pounds and over	930	100.0	71.9	5.0	2.8	20.3	-
200 to 399 miles	3,144	100.0	45.5	43.8	10.4	.1	.2
Under 1,000 pounds	106	100.0	.4	92.7	3.4	.1	3.4
1,000 to 9,999 pounds	328	100.0	.7	84.7	13.7	-	.9
10,000 to 29,999 pounds	332	100.0	4.5	77.1	18.2	-	.2
30,000 to 59,999 pounds	969	100.0	14.7	63.1	22.0	.2	-
60,000 to 89,999 pounds	248	100.0	74.0	25.8	-	-	.2
90,000 pounds and over	1,161	100.0	93.7	6.0	.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 08--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Drugs, Paints, and Other Chemical Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	2,708	100.0	56.2	32.4	6.0	4.8	0.6
Under 1,000 pounds	85	100.0	1.2	91.4	1.6	.2	5.6
1,000 to 9,999 pounds	250	100.0	1.6	81.4	12.9	-	4.1
10,000 to 29,999 pounds	268	100.0	6.7	73.3	18.6	.1	1.3
30,000 to 59,999 pounds	602	100.0	33.7	53.4	12.9	-	-
60,000 to 89,999 pounds	278	100.0	84.5	15.5	-	-	-
90,000 pounds and over	1,225	100.0	86.3	2.9	.1	10.7	-
600 to 999 miles	4,866	100.0	61.6	27.7	3.7	6.7	.3
Under 1,000 pounds	136	100.0	2.8	86.2	1.8	-	9.2
1,000 to 9,999 pounds	302	100.0	2.3	89.2	7.4	.1	1.0
10,000 to 29,999 pounds	371	100.0	12.9	73.0	14.1	-	-
30,000 to 59,999 pounds	1,049	100.0	35.1	55.0	9.8	.1	-
60,000 to 89,999 pounds	605	100.0	85.5	14.3	.1	-	.1
90,000 pounds and over	2,403	100.0	85.2	1.3	-	13.5	-
1,000 miles and over	4,639	100.0	64.7	21.5	1.0	11.5	1.3
Under 1,000 pounds	213	100.0	4.7	80.6	1.0	2.1	11.6
1,000 to 9,999 pounds	331	100.0	6.2	83.9	2.8	2.4	4.7
10,000 to 29,999 pounds	340	100.0	19.1	57.8	7.1	13.5	2.5
30,000 to 59,999 pounds	902	100.0	56.3	36.1	1.1	5.4	1.1
60,000 to 89,999 pounds	703	100.0	93.6	3.9	-	2.5	-
90,000 pounds and over	2,150	100.0	80.8	.1	-	19.1	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 08--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Drugs, Paints, and Other Chemical Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	61,169	100.0	36.7	34.9	18.9	0.1	9.1	0.2	0.1
New England	1,269	100.0	22.4	54.7	19.0	.5	1.6	.1	1.7
Middle Atlantic	6,068	100.0	10.4	61.2	25.8	.1	1.0	.8	.7
East North Central	10,785	100.0	20.7	58.9	19.7	.1	.2	.3	.1
West North Central	5,891	100.0	49.0	29.6	21.2	-	-	.2	-
South Atlantic	22,325	100.0	42.9	21.2	20.9	-	14.9	.1	-
East South Central	3,817	100.0	62.1	24.6	6.7	-	6.5	.1	-
West South Central	7,520	100.0	45.9	18.2	11.0	-	24.9	-	-
Mountain[1]	384	-	-	-	-	-	-	-	-
Pacific[2]	3,110	100.0	22.5	56.3	20.1	.1	.8	.1	.1
TON-MILES	(millions of ton-miles)								
U.S. total	19,090	100.0	52.6	30.4	7.9	.1	8.5	.4	.1
New England	444	100.0	45.2	42.1	9.0	.2	2.9	.3	.3
Middle Atlantic	2,191	100.0	26.8	60.0	7.4	.6	2.5	2.3	.4
East North Central	3,553	100.0	34.7	50.3	11.4	.3	3.0	.3	-
West North Central	1,885	100.0	54.9	34.1	10.5	-	-	.5	-
South Atlantic	6,078	100.0	71.6	10.3	6.7	-	11.3	.1	-
East South Central	1,487	100.0	68.1	20.0	4.7	-	7.1	.1	-
West South Central	2,137	100.0	47.2	17.7	7.7	-	27.4	-	-
Mountain[1]	178	-	-	-	-	-	-	-	-
Pacific[2]	1,137	100.0	41.1	46.5	5.8	.3	6.1	.1	.1

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 08--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Drugs, Paints, and Other Chemical Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	61,169	61,169	1,458	5,361	10,470	7,408	20,407	4,549	6,814	1,050	3,652
Ton-miles.....millions..	19,090	19,090	388	1,275	3,437	3,199	3,458	1,751	2,236	781	2,565
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	61,169	100.0	2.4	8.8	17.1	12.1	33.4	7.4	11.1	1.7	6.0
Shipments from--											
New England.....	1,269	100.0	54.0	21.4	8.1	1.4	8.5	1.4	1.2	.4	3.6
Middle Atlantic.....	6,068	100.0	7.4	52.6	11.1	2.4	15.9	3.6	2.6	1.3	3.1
East North Central.....	10,785	100.0	1.3	9.5	59.0	8.4	7.7	5.9	3.9	1.0	3.3
West North Central.....	5,891	100.0	.2	1.1	13.0	60.6	2.6	3.6	13.5	2.4	3.0
South Atlantic.....	22,325	100.0	.6	2.9	7.2	4.0	75.2	7.4	2.3	.1	.3
East South Central.....	3,817	100.0	.9	3.1	18.0	9.6	22.5	25.4	18.5	.5	1.5
West South Central.....	7,520	100.0	-	.2	2.3	19.4	9.0	11.1	55.3	2.3	.4
Mountain[2].....	384	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	3,110	100.0	.1	.8	3.0	.5	.3	.5	.9	9.2	84.7
TON-MILES	(millions)										
U.S. total.....	19,090	100.0	2.0	6.7	18.0	16.8	18.1	9.2	11.7	4.1	13.4
Shipments from--											
New England.....	444	100.0	11.1	13.1	17.9	4.2	16.2	4.0	5.0	2.1	26.4
Middle Atlantic.....	2,191	100.0	3.7	11.8	16.3	6.5	17.8	5.8	9.6	8.2	20.3
East North Central.....	3,553	100.0	3.1	13.0	22.7	10.0	12.1	6.1	9.6	3.3	20.1
West North Central.....	1,885	100.0	.8	3.2	11.8	34.9	5.8	4.2	18.7	5.9	14.7
South Atlantic.....	6,078	100.0	1.4	3.8	22.4	17.0	29.2	15.9	7.0	.4	2.9
East South Central.....	1,487	100.0	2.4	7.1	20.7	14.0	19.9	9.9	17.8	1.2	7.0
West South Central.....	2,137	100.0	-	1.1	5.4	34.4	16.6	8.0	27.2	5.4	1.9
Mountain[2].....	178	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	1,137	100.0	1.0	5.7	15.6	1.9	1.7	2.1	2.6	12.8	56.6

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 08--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Drugs, Paints, and Other Chemical Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	61,169	100.0	36.7	34.9	18.9	0.1	9.1	0.2	0.1
Middle Atlantic, total	6,068	100.0	10.4	61.2	25.8	.1	1.0	.8	.7
Shipments to--									
New England	447	100.0	4.7	87.5	7.0	-	-	.3	.5
Middle Atlantic	3,189	100.0	4.5	52.6	41.4	-	.3	.3	.9
East North Central	676	100.0	17.1	69.4	9.8	.2	-	2.4	1.1
West North Central	147	100.0	44.8	51.3	.5	.6	-	2.8	-
South Atlantic	965	100.0	5.5	79.5	11.4	-	2.7	.6	.3
East South Central	220	100.0	21.5	63.9	13.7	.1	-	.7	.1
West South Central	159	100.0	29.4	59.0	3.8	.3	5.9	1.5	.1
Mountain	80	100.0	48.1	48.3	.1	.2	-	3.3	-
Pacific	185	100.0	51.4	34.8	.2	1.5	7.3	4.7	.1
East North Central, total	10,785	100.0	20.7	58.9	19.7	.1	.2	.3	.1
Shipments to--									
New England	144	100.0	41.2	49.7	8.7	.1	-	.3	-
Middle Atlantic	1,020	100.0	27.2	60.5	10.9	1.1	.1	.2	-
East North Central	6,357	100.0	11.4	62.0	26.2	-	-	.3	.1
West North Central	902	100.0	32.2	58.3	9.1	-	-	.4	-
South Atlantic	833	100.0	36.3	54.0	9.1	.4	-	.2	-
East South Central	638	100.0	22.2	64.2	13.3	-	-	.2	.1
West South Central	419	100.0	37.0	42.5	20.1	.1	-	.3	-
Mountain	112	100.0	46.0	53.0	.7	.1	-	.2	-
Pacific	360	100.0	63.2	27.6	1.8	.1	7.0	.3	-
West North Central, total	5,891	100.0	49.0	29.6	21.2	-	-	.2	-
Shipments to--									
Middle Atlantic	67	100.0	49.6	48.2	.8	-	.1	1.3	-
East North Central	763	100.0	26.5	48.6	24.7	-	-	.2	-
West North Central	3,564	100.0	55.5	19.6	24.9	-	-	-	-
South Atlantic	156	100.0	61.6	29.3	6.2	-	-	2.9	-
East South Central	210	100.0	17.2	69.8	12.8	-	-	.2	-
West South Central	797	100.0	40.2	44.2	15.4	-	-	.2	-
Mountain	142	100.0	43.8	47.4	8.1	-	-	.7	-
Pacific	178	100.0	86.7	10.9	2.0	.2	-	.2	-
South Atlantic, total	22,325	100.0	42.9	21.2	20.9	-	14.9	.1	-
Shipments to--									
Middle Atlantic	645	100.0	34.5	55.6	9.6	.1	.1	.1	-
East North Central	1,604	100.0	81.7	5.7	.4	-	12.2	-	-
West North Central	893	100.0	72.0	3.2	.1	-	24.7	-	-
South Atlantic	16,798	100.0	32.0	24.0	27.2	-	16.6	.1	.1
East South Central	1,647	100.0	91.0	7.0	2.0	-	-	-	-
West South Central	521	100.0	70.7	10.0	.3	-	19.0	-	-
Pacific	76	100.0	65.4	9.9	-	.2	24.4	.1	-
West South Central, total	7,520	100.0	45.9	18.2	11.0	-	24.9	-	-
Shipments to--									
West North Central	1,456	100.0	50.7	7.3	4.7	-	37.3	-	-
West South Central	4,162	100.0	32.3	25.8	17.3	-	24.6	-	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 08--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Drugs, Paints, and Other Chemical Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES	(millions of ton-miles)								
U.S. total	19,090	100.0	52.6	30.4	7.9	0.1	8.5	0.4	0.1
Middle Atlantic, total	2,191	100.0	26.8	60.0	7.4	.6	2.5	2.3	.4
Shipments to--									
New England	81	100.0	6.2	86.5	6.6	-	-	.3	.4
Middle Atlantic	258	100.0	4.4	63.1	29.9	.1	.8	.3	1.4
East North Central	356	100.0	19.2	69.7	7.3	.2	-	2.7	.9
West North Central	143	100.0	45.7	50.2	.6	.6	-	2.9	-
South Atlantic	389	100.0	6.5	84.6	7.3	.1	.4	.9	.2
East South Central	127	100.0	30.9	55.5	12.3	.1	-	1.1	.1
West South Central	210	100.0	29.7	58.9	3.4	.3	6.0	1.6	.1
Mountain	180	100.0	49.2	47.5	.1	.2	-	3.0	-
Pacific	447	100.0	49.5	34.7	.2	2.0	8.7	4.8	.1
East North Central, total	3,553	100.0	34.7	50.3	11.4	.3	3.0	.3	-
Shipments to--									
New England	111	100.0	42.8	48.0	8.8	.1	-	.3	-
Middle Atlantic	461	100.0	33.5	54.8	10.0	1.3	.1	.3	-
East North Central	809	100.0	13.9	63.7	22.1	-	-	.2	.1
West North Central	354	100.0	34.2	56.7	8.7	-	-	.4	-
South Atlantic	430	100.0	34.6	56.6	7.8	.7	-	.3	-
East South Central	218	100.0	23.7	64.5	11.5	-	-	.2	.1
West South Central	341	100.0	39.2	40.0	20.3	.2	-	.3	-
Mountain	116	100.0	45.2	53.8	.6	.1	-	.3	-
Pacific	713	100.0	57.6	25.5	1.6	.1	14.9	.3	-
West North Central, total	1,885	100.0	54.9	34.1	10.5	-	-	.5	-
Shipments to--									
Middle Atlantic	60	100.0	50.7	47.1	1.0	-	.1	1.1	-
East North Central	222	100.0	34.1	49.2	16.4	-	-	.3	-
West North Central	659	100.0	59.1	25.3	15.6	-	-	-	-
South Atlantic	109	100.0	59.0	32.4	5.8	-	-	2.8	-
East South Central	79	100.0	21.7	63.4	14.6	-	-	.3	-
West South Central	352	100.0	46.5	45.4	7.9	-	-	.2	-
Mountain	111	100.0	44.4	48.1	6.8	-	-	.7	-
Pacific	277	100.0	87.1	10.6	1.8	.2	.1	.2	-
South Atlantic, total	6,078	100.0	71.6	10.3	6.7	-	11.3	.1	-
Shipments to--									
Middle Atlantic	233	100.0	64.2	30.9	4.7	.1	-	.1	-
East North Central	1,361	100.0	81.6	3.9	.2	-	14.3	-	-
West North Central	1,030	100.0	73.0	2.4	.1	-	24.5	-	-
South Atlantic	1,781	100.0	50.3	20.7	21.6	-	7.2	.1	.1
East South Central	964	100.0	95.4	3.8	.8	-	-	-	-
West South Central	427	100.0	75.4	8.4	.2	-	16.0	-	-
Pacific	174	100.0	66.8	9.6	-	.2	23.3	.1	-
West South Central, total	2,137	100.0	47.2	17.7	7.7	-	27.4	-	-
Shipments to--									
West North Central	735	100.0	30.3	6.2	1.8	-	61.7	-	-
West South Central	581	100.0	38.0	32.6	21.4	-	8.0	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 08--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Drugs, Paints, and Other Chemcial Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	61,169	24,426	27,889	8,854	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	19,090	4,552	9,836	4,702
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	36.7	27.5	40.0	51.6	52.6	34.1	55.3	64.7
Motor carrier.....	34.9	37.4	31.7	38.1	30.4	43.4	26.6	25.6
Private truck.....	18.9	34.6	10.5	2.1	7.9	21.1	5.3	.8
Air.....	.1	-	.1	.1	.1	.1	.1	.2
Water.....	9.1	.1	17.5	7.7	8.5	.8	12.3	8.0
Other.....	.2	.2	.1	.4	.4	.4	.3	.7
Unknown.....	.1	.2	.1	-	.1	.1	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	36.3	47.4	32.9	16.6	5.9	13.0	4.6	1.6
100 to 199 miles.....	18.4	26.3	14.0	10.8	8.4	19.5	5.9	3.0
200 to 299 miles.....	11.9	10.5	11.7	16.0	9.2	13.5	8.2	7.4
300 to 399 miles.....	7.2	5.3	8.8	7.3	8.0	9.9	8.7	4.8
400 to 499 miles.....	5.8	2.9	7.8	7.3	8.1	6.8	9.8	6.0
500 to 999 miles.....	15.0	5.9	19.4	26.7	34.8	22.7	39.6	36.1
1,000 miles and over.....	5.4	1.7	5.4	15.3	25.6	14.6	23.2	41.1

Table 8. SHIPPER GROUP 08--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Drugs, Paints, and Other Chemical Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	63.5	60.4	71.4	78.0
Highway facilities.....	91.0	93.0	85.0	88.8
Rail and highway facilities.....	55.7	54.5	57.4	68.6
Air facilities.....	82.6	82.4	82.6	85.8
Rail, highway, and air facilities.....	48.5	47.1	50.6	63.0
Water facilities.....	28.0	27.1	30.4	31.4
Rail, highway, air, and water facilities.	17.6	17.1	18.5	22.0

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.9 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 081--Percent Distribution of Distance, by Means of Transport: 1967

Drugs

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,917	100.0	30.2	60.0	6.2	1.0	0.9	1.7	-
Under 50 miles	106	100.0	4.3	68.4	25.5	.1	.2	1.5	-
50 to 99 miles	194	100.0	44.0	44.2	11.1	-	-	.7	-
100 to 199 miles	192	100.0	2.5	86.5	9.3	.1	-	1.6	-
200 to 299 miles	146	100.0	3.6	89.7	3.8	.2	-	2.7	-
300 to 399 miles	119	100.0	6.9	84.2	6.2	.1	-	2.6	-
400 to 499 miles	124	100.0	37.2	53.5	4.1	3.1	.2	1.9	-
500 to 599 miles	191	100.0	23.7	56.4	15.2	3.7	-	1.0	-
600 to 799 miles	370	100.0	37.2	60.7	1.1	.2	-	.8	-
800 to 999 miles	74	100.0	27.7	63.1	-	4.2	-	5.0	-
1,000 to 1,199 miles	30	100.0	17.4	69.6	2.0	3.5	.1	7.3	0.1
1,200 to 1,499 miles	74	100.0	43.6	46.3	-	1.0	7.1	2.0	-
1,500 to 1,999 miles	124	100.0	79.0	18.5	-	.7	.8	1.0	-
2,000 miles and over	173	100.0	49.4	40.8	-	.7	6.5	2.6	-
TON-MILES	(millions of ton-miles)								
Total	1,364	100.0	42.9	48.9	2.2	1.2	2.8	2.0	-
Under 50 miles	3	100.0	5.8	63.8	28.9	.1	.1	1.3	-
50 to 99 miles	12	100.0	36.1	49.6	13.4	-	-	.9	-
100 to 199 miles	29	100.0	2.8	87.1	8.5	.1	-	1.5	-
200 to 299 miles	38	100.0	3.9	89.9	3.4	.2	-	2.6	-
300 to 399 miles	41	100.0	6.4	84.7	6.1	.1	-	2.7	-
400 to 499 miles	57	100.0	38.3	52.4	4.1	3.2	.2	1.8	-
500 to 599 miles	104	100.0	23.8	56.2	15.1	3.9	-	1.0	-
600 to 799 miles	260	100.0	36.7	61.3	1.0	.2	-	.8	-
800 to 999 miles	66	100.0	27.1	63.4	-	4.5	-	5.0	-
1,000 to 1,199 miles	32	100.0	17.4	69.7	2.0	3.5	.1	7.2	.1
1,200 to 1,499 miles	101	100.0	43.5	46.5	-	1.0	7.0	2.0	-
1,500 to 1,999 miles	214	100.0	78.4	19.2	-	.7	.7	1.0	-
2,000 miles and over	407	100.0	48.8	40.7	-	.8	7.1	2.6	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 081--Percent Distribution of Weight, by Means of Transport: 1967

Drugs

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	1,906	100.0	30.0	60.2	6.2	1.0	2.6
Under 1,000 pounds	219	100.0	1.0	82.4	1.0	4.0	11.6
Under 50 pounds	18	100.0	.8	33.8	.5	6.0	58.9
50 to 99 pounds	18	100.0	.8	63.3	.6	3.6	31.7
100 to 199 pounds	38	100.0	1.2	85.8	.5	2.6	9.9
200 to 499 pounds	78	100.0	.9	89.9	.7	4.9	3.6
500 to 999 pounds	67	100.0	1.2	90.7	1.7	3.2	3.2
1,000 to 9,999 pounds	262	100.0	1.0	89.8	4.7	3.0	1.5
1,000 to 1,999 pounds	66	100.0	1.2	94.2	2.0	1.1	1.5
2,000 to 2,999 pounds	47	100.0	.3	80.5	3.1	14.3	1.8
3,000 to 3,999 pounds	29	100.0	.8	96.6	2.0	-	.6
4,000 to 4,999 pounds	29	100.0	-	92.9	7.1	-	-
5,000 to 9,999 pounds	91	100.0	1.5	88.6	7.6	.3	2.0
10,000 to 29,999 pounds	246	100.0	4.0	75.5	17.5	1.3	1.7
10,000 to 19,999 pounds	93	100.0	4.7	84.5	10.5	-	.3
20,000 to 29,999 pounds	153	100.0	3.6	70.1	21.7	2.0	2.6
30,000 to 59,999 pounds	825	100.0	32.1	60.0	7.3	-	.6
30,000 to 39,999 pounds	355	100.0	22.4	63.0	14.1	-	.5
40,000 to 49,999 pounds	368	100.0	29.3	66.9	2.9	-	.9
50,000 to 59,999 pounds	102	100.0	76.4	23.5	-	-	.1
60,000 to 89,999 pounds	187	100.0	74.0	21.7	-	-	4.3
60,000 to 69,999 pounds	100	100.0	80.8	18.4	-	-	.8
70,000 to 79,999 pounds	30	100.0	81.3	16.8	-	-	1.9
80,000 to 89,999 pounds	57	100.0	58.3	30.1	-	-	11.6
90,000 pounds and over	167	100.0	92.0	5.2	-	-	2.8
TON-MILES	(millions of ton-miles)						
Total	1,353	100.0	42.7	49.1	2.2	1.2	4.8
Under 1,000 pounds	131	100.0	2.2	77.3	.3	7.0	13.2
Under 50 pounds	12	100.0	1.7	27.1	.3	11.5	59.4
50 to 99 pounds	11	100.0	1.8	63.6	.5	8.2	25.9
100 to 199 pounds	24	100.0	1.7	75.2	.5	4.3	18.3
200 to 499 pounds	53	100.0	1.7	87.9	.1	6.9	3.4
500 to 999 pounds	31	100.0	3.9	85.0	.4	7.0	3.7
1,000 to 9,999 pounds	126	100.0	2.1	87.6	2.7	4.4	3.2
1,000 to 1,999 pounds	33	100.0	2.3	90.4	.4	3.5	3.4
2,000 to 2,999 pounds	25	100.0	.3	77.3	2.7	16.0	3.7
3,000 to 3,999 pounds	12	100.0	.7	96.7	.8	-	1.8
4,000 to 4,999 pounds	17	100.0	-	96.2	3.8	-	-
5,000 to 9,999 pounds	39	100.0	4.5	85.2	4.7	1.1	4.5
10,000 to 29,999 pounds	97	100.0	8.3	69.9	13.3	1.6	6.9
10,000 to 19,999 pounds	40	100.0	6.1	82.6	9.9	.2	1.2
20,000 to 29,999 pounds	57	100.0	9.9	60.9	15.6	2.6	11.0
30,000 to 59,999 pounds	619	100.0	40.3	56.0	2.2	-	1.5
30,000 to 39,999 pounds	217	100.0	32.7	61.7	4.0	-	1.6
40,000 to 49,999 pounds	313	100.0	31.1	65.5	1.6	-	1.8
50,000 to 59,999 pounds	89	100.0	91.5	8.2	-	-	.3
60,000 to 89,999 pounds	212	100.0	76.8	15.9	-	-	7.3
60,000 to 69,999 pounds	101	100.0	89.9	9.8	-	-	.3
70,000 to 79,999 pounds	26	100.0	93.7	5.2	-	-	1.1
80,000 to 89,999 pounds	85	100.0	55.8	26.5	-	-	17.7
90,000 pounds and over	168	100.0	90.2	2.9	-	-	6.9

Note: Include only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 081--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Drugs

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	1,906	100.0	30.0	60.2	6.2	1.0	2.6
Under 200 miles	492	100.0	19.2	66.0	13.5	.1	1.2
Under 1,000 pounds	66	100.0	.2	87.8	2.5	.6	8.9
1,000 to 9,999 pounds	82	100.0	-	93.0	6.7	-	.3
10,000 to 29,999 pounds	107	100.0	2.1	80.2	17.6	-	.1
30,000 to 59,999 pounds	143	100.0	2.8	69.0	28.2	-	-
60,000 to 89,999 pounds	7	100.0	42.8	57.2	-	-	-
90,000 pounds and over	87	100.0	98.5	1.5	-	-	-
200 to 399 miles	264	100.0	5.1	87.2	4.9	.2	2.6
Under 1,000 pounds	49	100.0	.4	87.5	.7	.9	10.5
1,000 to 9,999 pounds	66	100.0	.3	90.6	8.2	-	.9
10,000 to 29,999 pounds	46	100.0	.7	86.2	13.1	-	-
30,000 to 59,999 pounds	87	100.0	12.3	86.3	1.4	-	-
60,000 to 89,999 pounds	16	100.0	12.2	80.4	-	-	7.4
90,000 pounds and over	-	-	-	-	-	-	-
400 to 599 miles	314	100.0	28.8	55.5	10.8	3.5	1.4
Under 1,000 pounds	33	100.0	.8	82.8	-	4.1	12.3
1,000 to 9,999 pounds	52	100.0	1.7	83.5	1.8	12.5	.5
10,000 to 29,999 pounds	40	100.0	.9	53.6	37.8	7.7	-
30,000 to 59,999 pounds	146	100.0	41.9	45.8	12.3	-	-
60,000 to 89,999 pounds	35	100.0	76.9	23.1	-	-	-
90,000 pounds and over	8	100.0	11.6	88.4	-	-	-
600 to 999 miles	439	100.0	35.5	61.1	1.0	.9	1.5
Under 1,000 pounds	32	100.0	1.8	72.6	-	11.3	14.3
1,000 to 9,999 pounds	39	100.0	.5	96.3	-	.5	2.7
10,000 to 29,999 pounds	37	100.0	11.2	80.3	8.5	-	-
30,000 to 59,999 pounds	278	100.0	38.2	61.3	.4	-	.1
60,000 to 89,999 pounds	51	100.0	84.0	14.8	-	-	1.2
90,000 pounds and over	2	100.0	100.0	-	-	-	-
1,000 miles and over	397	100.0	54.7	37.3	.2	1.0	6.8
Under 1,000 pounds	39	100.0	2.7	75.3	.3	7.6	14.1
1,000 to 9,999 pounds	23	100.0	5.5	80.8	2.5	4.0	7.2
10,000 to 29,999 pounds	16	100.0	17.8	56.3	-	.2	25.7
30,000 to 59,999 pounds	170	100.0	48.7	48.5	-	-	2.8
60,000 to 89,999 pounds	78	100.0	81.8	10.3	-	-	7.9
90,000 pounds and over	71	100.0	92.7	.8	-	-	6.5
TON-MILES	(millions of ton-miles)						
Total[1]	1,353	100.0	42.7	49.1	2.2	1.2	4.8
Under 200 miles	44	100.0	12.2	75.0	11.4	.1	1.3
Under 1,000 pounds	6	100.0	.3	89.2	1.0	.5	9.0
1,000 to 9,999 pounds	9	100.0	-	94.3	5.4	-	.3
10,000 to 29,999 pounds	11	100.0	1.2	85.9	12.9	-	-
30,000 to 59,999 pounds	13	100.0	5.6	70.7	23.7	-	-
60,000 to 89,999 pounds	1	100.0	17.9	82.1	-	-	-
90,000 pounds and over	4	100.0	98.9	1.1	-	-	-
200 to 399 miles	79	100.0	5.2	87.2	4.8	.2	2.6
Under 1,000 pounds	15	100.0	.4	88.2	.7	.8	9.9
1,000 to 9,999 pounds	20	100.0	.2	89.7	9.2	-	.9
10,000 to 29,999 pounds	14	100.0	.7	88.5	10.8	-	-
30,000 to 59,999 pounds	25	100.0	13.0	85.6	1.4	-	-
60,000 to 89,999 pounds	5	100.0	13.1	78.2	-	-	8.7
90,000 pounds and over	-	-	-	-	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 081--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Drugs

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	161	100.0	28.8	55.0	11.2	3.6	1.4
Under 1,000 pounds	16	100.0	.9	82.5	-	4.3	12.3
1,000 to 9,999 pounds	27	100.0	1.6	82.3	1.6	13.9	.6
10,000 to 29,999 pounds	21	100.0	.8	52.8	39.3	7.1	-
30,000 to 59,999 pounds	75	100.0	41.6	45.7	12.7	-	-
60,000 to 89,999 pounds	18	100.0	76.3	23.7	-	-	-
90,000 pounds and over	4	100.0	10.9	89.1	-	-	-
600 to 999 miles	321	100.0	34.7	61.8	.8	1.1	1.6
Under 1,000 pounds	26	100.0	1.8	71.5	-	12.7	14.0
1,000 to 9,999 pounds	30	100.0	.4	96.3	-	.6	2.7
10,000 to 29,999 pounds	27	100.0	11.5	81.0	7.5	-	-
30,000 to 59,999 pounds	199	100.0	37.6	62.0	.3	-	.1
60,000 to 89,999 pounds	37	100.0	84.1	14.5	-	-	1.4
90,000 pounds and over	2	100.0	100.0	-	-	-	-
1,000 miles and over	748	100.0	54.9	36.8	.1	.9	7.3
Under 1,000 pounds	68	100.0	3.3	74.9	.3	7.4	14.1
1,000 to 9,999 pounds	39	100.0	5.4	81.9	1.5	4.1	7.1
10,000 to 29,999 pounds	26	100.0	18.1	55.3	-	.3	26.3
30,000 to 59,999 pounds	306	100.0	45.5	51.4	-	-	3.1
60,000 to 89,999 pounds	151	100.0	77.2	13.1	-	-	9.7
90,000 pounds and over	158	100.0	91.9	.8	-	-	7.3

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 081--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Drugs

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,917	100.0	30.2	60.0	6.2	1.0	0.9	1.7	-
Middle Atlantic	907	100.0	27.3	65.7	3.2	.3	1.5	2.0	-
East North Central	430	100.0	42.3	49.3	2.8	3.3	.1	2.2	-
West North Central	215	100.0	39.2	28.6	31.1	.2	-	.9	-
South Atlantic	142	100.0	29.1	67.9	1.9	.6	-	.5	-
East South Central	96	100.0	13.8	85.1	-	.1	-	1.0	-
Pacific[1]	86	100.0	-	93.8	4.5	1.1	.1	.5	-
Balance of United States[2]	41	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,364	100.0	42.9	48.9	2.2	1.2	2.8	2.0	-
Middle Atlantic	682	100.0	35.8	56.5	.3	.5	3.9	3.0	-
East North Central	321	100.0	59.7	35.1	.6	2.9	.5	1.2	-
West North Central	139	100.0	58.0	23.4	17.4	.4	.1	.7	-
South Atlantic	88	100.0	39.3	59.0	.3	1.0	-	.4	-
East South Central	66	100.0	33.9	64.8	-	.1	-	1.2	-
Pacific[1]	35	100.0	-	90.6	1.5	5.1	.9	1.9	-
Balance of United States[2]	33	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 081--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Drugs

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,917	1,917	68	455	395	70	270	65	215	77	302
Ton-miles.....millions..	1,364	1,364	30	122	182	41	136	35	177	162	479
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,917	100.0	3.5	23.8	20.6	3.6	14.1	3.4	11.2	4.0	15.8
Shipments from--											
Middle Atlantic.....	907	100.0	4.4	32.4	22.6	2.3	13.8	.9	8.1	7.0	8.5
East North Central.....	430	100.0	2.0	22.2	25.4	6.2	11.7	3.2	7.2	1.3	20.8
West North Central.....	215	100.0	1.6	3.7	10.0	6.5	13.4	10.8	37.9	.3	15.8
South Atlantic.....	142	100.0	6.8	31.0	11.4	2.4	27.0	8.8	7.6	.1	4.9
East South Central.....	96	100.0	4.4	5.3	29.5	2.5	24.2	6.4	12.8	1.1	13.8
Pacfic[2].....	86	100.0	.2	1.3	1.4	.9	1.1	.4	1.8	4.1	88.8
Balance of U.S.[3].....	41	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	1,364	100.0	2.2	8.9	13.3	3.0	10.0	2.6	13.0	11.9	35.1
Shipments from--											
Middle Atlantic.....	682	100.0	1.3	3.6	18.0	3.0	9.4	1.1	14.5	21.6	27.5
East North Central.....	321	100.0	2.1	17.3	5.0	3.3	9.5	2.5	7.5	2.0	50.8
West North Central.....	139	100.0	2.7	5.3	6.0	2.5	13.2	7.4	24.5	.3	38.1
South Atlantic.....	88	100.0	7.9	29.9	11.0	2.7	11.9	8.2	9.8	.3	18.3
East South Central.....	66	100.0	5.2	5.9	18.5	2.3	12.7	2.7	10.3	1.8	40.6
Pacific[2].....	35	100.0	1.3	7.6	6.5	3.3	6.0	1.8	5.2	7.5	60.8
Balance of U.S[3].....	33	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 081--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Drugs

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,917	100.0	30.2	60.0	6.2	1.0	0.9	1.7	-
Middle Atlantic, total	907	100.0	27.3	65.7	3.2	.3	1.5	2.0	-
Shipments to--									
New England	40	100.0	-	97.7	1.4	-	-	.9	-
Middle Atlantic	294	100.0	31.9	57.6	9.4	.1	.1	.9	-
East North Central	205	100.0	19.7	78.5	.2	.3	-	1.3	-
West North Central	21	100.0	16.6	68.2	-	3.5	-	11.7	-
South Atlantic	125	100.0	8.4	88.6	.1	.1	-	2.8	-
East South Central	9	100.0	11.2	79.4	-	1.0	-	8.4	-
West South Central	73	100.0	45.1	45.4	-	.3	7.2	2.0	-
Pacific	77	100.0	40.8	42.7	-	.9	10.1	5.5	-
East North Central, total	430	100.0	42.3	49.3	2.8	3.3	.1	2.2	-
Shipments to--									
Middle Atlantic	96	100.0	33.4	54.1	.8	10.9	.2	.6	-
East North Central	109	100.0	1.9	84.6	8.9	.1	-	4.5	-
West North Central	27	100.0	26.2	63.8	2.3	.2	-	7.5	-
South Atlantic	50	100.0	73.0	19.4	.8	5.6	-	1.2	-
Pacific	90	100.0	74.3	24.7	-	.3	.4	.3	-
West North Central, total	215	100.0	39.2	28.6	31.1	.2	-	.9	-
Shipments to--									
East North Central	21	100.0	.3	90.6	6.4	-	-	2.6	0.1
West North Central	14	100.0	-	75.2	19.7	-	-	5.1	-
South Atlantic, total	142	100.0	29.1	67.9	1.9	.6	-	.5	-
Shipments to--									
Middle Atlantic	44	100.0	21.3	77.6	.1	.7	-	.3	-
South Atlantic	38	100.0	12.9	78.8	7.1	.4	-	.8	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,364	100.0	42.9	48.9	2.2	1.2	2.8	2.0	-
Middle Atlantic, total	682	100.0	35.8	56.5	.3	.5	3.9	3.0	-
Shipments to--									
New England	9	100.0	-	98.3	1.0	-	-	.7	-
Middle Atlantic	25	100.0	21.4	71.0	5.8	.2	-	1.6	-
East North Central	123	100.0	22.7	75.5	.2	.3	-	1.3	-
West North Central	20	100.0	14.6	70.4	-	3.5	-	11.5	-
South Atlantic	64	100.0	10.4	86.3	-	.1	-	3.2	-
East South Central	7	100.0	11.8	79.0	-	.9	-	8.3	-
West South Central	99	100.0	44.9	45.7	-	.3	7.1	2.0	-
Pacific	188	100.0	40.4	42.8	-	.9	10.4	5.5	-
East North Central, total	321	100.0	59.7	35.1	.6	2.9	.5	1.2	-
Shipments to--									
Middle Atlantic	56	100.0	37.1	51.2	.8	10.1	.2	.6	-
East North Central	16	100.0	3.6	87.2	3.7	.2	-	5.3	-
West North Central	11	100.0	21.8	66.8	2.8	.2	-	8.4	-
South Atlantic	30	100.0	67.8	21.4	.8	8.7	-	1.3	-
Pacific	163	100.0	73.0	25.5	-	.3	.9	.3	-
West North Central, total	139	100.0	58.0	23.4	17.4	.4	.1	.7	-
Shipments to--									
East North Central	8	100.0	.2	92.1	5.7	-	-	1.9	.1
West North Central	3	100.0	-	77.3	18.4	-	-	4.3	-
South Atlantic, total	88	100.0	39.3	59.0	.3	1.0	-	.4	-
Shipments to--									
Middle Atlantic	26	100.0	23.9	75.0	-	.9	-	.2	-
South Atlantic	10	100.0	16.2	79.7	2.2	.8	-	1.1	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 081--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Drugs

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,917	322	938	657	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,364	204	703	457
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	30.2	29.9	34.0	24.8	42.9	51.3	42.1	40.5
Motor carrier.....	60.0	66.9	54.2	64.7	48.9	44.4	50.2	48.9
Private truck.....	6.2	.6	8.4	5.7	2.2	.1	3.8	.8
Air.....	1.0	.2	1.4	1.0	1.2	.3	1.4	1.2
Water.....	.9	.5	.4	1.9	2.8	2.0	1.2	5.5
Other.....	1.7	1.9	1.6	1.9	2.0	1.9	1.3	3.1
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	15.7	14.0	15.6	16.5	1.1	.8	1.1	1.3
100 to 199 miles.....	10.0	20.4	8.2	7.4	2.1	5.2	1.6	1.5
200 to 299 miles.....	7.6	6.3	6.4	10.0	2.8	2.6	2.2	3.7
300 to 399 miles.....	6.2	8.6	6.2	5.0	3.0	4.7	2.8	2.5
400 to 499 miles.....	6.5	10.3	3.4	9.0	4.2	7.8	2.1	5.9
500 to 999 miles.....	33.1	20.7	37.3	33.5	31.5	23.3	32.9	33.1
1,000 miles and over.....	20.9	19.7	22.9	18.6	55.3	55.6	57.3	52.0

Table 8. SHIPPER CLASS 081--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Drugs

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	51.0	47.3	51.1	68.9
Highway facilities	87.0	90.4	76.2	97.9
Rail and highway facilities	38.9	37.8	30.2	66.8
Air facilities	83.6	85.6	75.9	93.8
Rail, highway, and air facilities	33.3	33.0	22.6	62.7
Water facilities	14.2	14.4	12.2	18.7
Rail, highway, air, and water facilities	8.4	9.6	3.8	14.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.6 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 082--Percent Distribution of Distance, by Means of Transport: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	10,372	100.0	23.8	61.5	13.4	-	0.7	0.5	0.1
Under 50 miles	1,195	100.0	7.7	69.4	21.5	-	.4	.7	.3
50 to 99 miles	1,023	100.0	.1	64.6	35.2	-	-	.1	-
100 to 199 miles	1,896	100.0	4.9	63.6	30.6	-	.8	.1	-
200 to 299 miles	1,687	100.0	27.6	68.0	4.3	-	-	.1	-
300 to 399 miles	1,215	100.0	26.6	69.4	3.8	-	-	.2	-
400 to 499 miles	746	100.0	34.4	62.2	2.7	-	-	.6	.1
500 to 599 miles	534	100.0	48.1	47.7	2.3	-	-	1.9	-
600 to 799 miles	818	100.0	44.9	51.9	2.2	0.1	-	.9	-
800 to 999 miles	543	100.0	39.7	56.9	2.4	-	.2	.7	.1
1,000 to 1,199 miles	120	100.0	23.7	66.5	6.4	.1	-	3.3	-
1,200 to 1,499 miles	126	100.0	53.9	42.2	.3	.2	2.6	.8	-
1,500 to 1,999 miles	246	100.0	71.0	28.4	.2	-	-	.4	-
2,000 miles and over	223	100.0	56.2	18.7	-	.6	21.4	3.0	.1
TON-MILES	(millions of ton-miles)								
Total	4,183	100.0	39.5	50.3	4.7	.2	4.3	1.0	-
Under 50 miles	30	100.0	4.2	72.8	21.8	-	.2	.7	.3
50 to 99 miles	76	100.0	.1	65.6	34.2	-	-	.1	-
100 to 199 miles	281	100.0	5.2	63.9	29.9	-	.9	.1	-
200 to 299 miles	416	100.0	27.6	68.2	4.1	-	-	.1	-
300 to 399 miles	419	100.0	26.1	70.1	3.6	-	-	.2	-
400 to 499 miles	329	100.0	34.9	61.6	2.8	-	-	.6	.1
500 to 599 miles	297	100.0	48.3	47.4	2.3	-	-	2.0	-
600 to 799 miles	556	100.0	44.6	52.2	2.1	.1	.1	.9	-
800 to 999 miles	469	100.0	39.6	56.9	2.5	-	.2	.7	.1
1,000 to 1,199 miles	130	100.0	23.4	66.8	6.5	.1	-	3.2	-
1,200 to 1,499 miles	169	100.0	54.4	41.6	.3	.2	2.7	.8	-
1,500 to 1,999 miles	431	100.0	71.4	28.0	.2	-	-	.4	-
2,000 miles and over	580	100.0	49.9	17.0	-	.9	29.4	2.7	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 082--Percent Distribution of Weight, by Means of Transport: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	9,952	100.0	23.9	61.4	13.5	1.2
Under 1,000 pounds	543	100.0	1.6	91.3	3.0	4.1
Under 50 pounds	15	100.0	2.3	42.9	1.5	53.3
50 to 99 pounds	24	100.0	2.1	81.2	2.8	13.9
100 to 199 pounds	56	100.0	1.8	90.5	2.6	5.1
200 to 499 pounds	188	100.0	1.7	93.6	2.1	2.6
500 to 999 pounds	260	100.0	1.4	93.3	3.9	1.4
1,000 to 9,999 pounds	1,291	100.0	1.3	88.0	9.3	1.4
1,000 to 1,999 pounds	316	100.0	.9	93.1	4.8	1.2
2,000 to 2,999 pounds	235	100.0	1.1	90.1	6.1	2.7
3,000 to 3,999 pounds	140	100.0	2.1	86.1	9.3	2.5
4,000 to 4,999 pounds	138	100.0	.8	86.2	12.6	.4
5,000 to 9,999 pounds	462	100.0	1.6	84.6	12.9	.9
10,000 to 29,999 pounds	2,029	100.0	4.4	57.2	37.3	1.1
10,000 to 19,999 pounds	612	100.0	2.2	80.8	16.1	.9
20,000 to 29,999 pounds	1,417	100.0	5.4	47.2	46.4	1.0
30,000 to 59,999 pounds	3,638	100.0	18.0	69.5	11.4	1.1
30,000 to 39,999 pounds	1,841	100.0	10.3	72.6	15.6	1.5
40,000 to 49,999 pounds	1,331	100.0	16.5	73.9	8.9	.7
50,000 to 59,999 pounds	466	100.0	52.9	45.0	2.1	-
60,000 to 89,999 pounds	1,491	100.0	68.7	31.3	-	-
60,000 to 69,999 pounds	543	100.0	64.4	35.6	-	-
70,000 to 79,999 pounds	489	100.0	65.5	34.5	-	-
80,000 to 89,999 pounds	459	100.0	77.3	22.7	-	-
90,000 pounds and over	960	100.0	60.7	32.8	4.0	2.5
TON-MILES	(millions of ton-miles)					
Total	3,974	100.0	39.8	49.7	4.9	5.6
Under 1,000 pounds	243	100.0	4.0	87.8	.9	7.3
Under 50 pounds	8	100.0	3.9	41.8	.4	53.9
50 to 99 pounds	13	100.0	3.6	78.5	.5	17.3
100 to 199 pounds	29	100.0	4.2	85.0	.4	10.4
200 to 499 pounds	85	100.0	4.2	89.5	.6	5.7
500 to 999 pounds	108	100.0	3.7	92.1	1.4	2.8
1,000 to 9,999 pounds	443	100.0	2.3	89.4	4.3	4.0
1,000 to 1,999 pounds	114	100.0	1.8	92.9	1.8	3.5
2,000 to 2,999 pounds	82	100.0	1.9	85.0	2.5	10.6
3,000 to 3,999 pounds	49	100.0	4.4	89.7	2.5	3.4
4,000 to 4,999 pounds	45	100.0	.7	93.1	5.7	.5
5,000 to 9,999 pounds	153	100.0	2.6	88.1	7.4	1.9
10,000 to 29,999 pounds	609	100.0	8.8	67.5	16.7	7.0
10,000 to 19,999 pounds	233	100.0	5.4	83.5	6.1	5.0
20,000 to 29,999 pounds	376	100.0	10.9	57.6	23.3	8.2
30,000 to 59,999 pounds	1,238	100.0	32.0	59.2	5.5	3.3
30,000 to 39,999 pounds	565	100.0	21.2	65.3	8.0	5.5
40,000 to 49,999 pounds	463	100.0	28.8	64.6	4.6	2.0
50,000 to 59,999 pounds	210	100.0	67.9	31.1	.9	.1
60,000 to 89,999 pounds	816	100.0	83.3	16.7	-	-
60,000 to 69,999 pounds	344	100.0	83.4	16.6	-	-
70,000 to 79,999 pounds	257	100.0	81.9	18.1	-	-
80,000 to 89,999 pounds	215	100.0	84.6	15.3	-	.1
90,000 pounds and over	625	100.0	69.5	13.8	.3	16.4

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 082--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	9,952	100.0	23.9	61.4	13.5	1.2
Under 200 miles	3,955	100.0	4.6	65.2	29.3	.9
Under 1,000 pounds	202	100.0	.2	91.5	6.3	2.0
1,000 to 9,999 pounds	554	100.0	.6	82.8	16.1	.5
10,000 to 29,999 pounds	1,204	100.0	.2	40.6	58.9	.3
30,000 to 59,999 pounds	1,511	100.0	4.8	73.0	20.8	1.4
60,000 to 89,999 pounds	234	100.0	14.0	86.0	-	-
90,000 pounds and over	250	100.0	28.0	57.9	14.1	-
200 to 399 miles	2,814	100.0	26.6	69.0	4.2	.2
Under 1,000 pounds	126	100.0	.5	95.1	1.5	2.9
1,000 to 9,999 pounds	369	100.0	1.5	95.3	3.0	.2
10,000 to 29,999 pounds	402	100.0	7.6	85.2	7.2	-
30,000 to 59,999 pounds	1,158	100.0	19.5	73.9	6.6	-
60,000 to 89,999 pounds	428	100.0	66.9	33.1	-	-
90,000 pounds and over	331	100.0	60.1	39.9	-	-
400 to 599 miles	1,254	100.0	40.6	55.9	2.4	1.1
Under 1,000 pounds	73	100.0	1.6	92.7	1.3	4.4
1,000 to 9,999 pounds	169	100.0	.6	83.8	10.1	5.5
10,000 to 29,999 pounds	161	100.0	11.8	86.1	1.7	.4
30,000 to 59,999 pounds	409	100.0	32.6	65.7	1.7	-
60,000 to 89,999 pounds	354	100.0	79.2	20.8	-	-
90,000 pounds and over	88	100.0	84.8	12.0	3.2	-
600 to 999 miles	1,278	100.0	44.6	52.5	2.3	.6
Under 1,000 pounds	86	100.0	3.6	89.3	.6	6.5
1,000 to 9,999 pounds	131	100.0	4.2	93.7	1.0	1.1
10,000 to 29,999 pounds	179	100.0	15.5	78.1	6.4	-
30,000 to 59,999 pounds	398	100.0	31.5	64.2	3.9	.4
60,000 to 89,999 pounds	356	100.0	86.4	13.6	-	-
90,000 pounds and over	128	100.0	78.7	21.3	-	-
1,000 miles and over	651	100.0	56.7	32.3	1.3	9.7
Under 1,000 pounds	56	100.0	6.4	82.9	.4	10.3
1,000 to 9,999 pounds	68	100.0	2.6	90.7	.8	5.9
10,000 to 29,999 pounds	83	100.0	10.5	65.9	6.7	16.9
30,000 to 59,999 pounds	162	100.0	60.2	28.5	1.4	9.9
60,000 to 89,999 pounds	119	100.0	98.4	1.4	-	.2
90,000 pounds and over	163	100.0	85.1	-	-	14.9
TON-MILES	(millions of ton-miles)					
Total[1]	3,974	100.0	39.8	49.7	4.9	5.6
Under 200 miles	375	100.0	4.1	64.5	30.6	.8
Under 1,000 pounds	18	100.0	.3	94.8	3.1	1.8
1,000 to 9,999 pounds	52	100.0	.6	88.9	10.4	.1
10,000 to 29,999 pounds	124	100.0	.3	38.2	61.5	-
30,000 to 59,999 pounds	142	100.0	6.5	69.0	22.6	1.9
60,000 to 89,999 pounds	25	100.0	15.4	84.6	-	-
90,000 pounds and over	14	100.0	11.0	84.6	4.4	-
200 to 399 miles	813	100.0	26.4	69.4	4.0	.2
Under 1,000 pounds	36	100.0	.5	94.9	1.6	3.0
1,000 to 9,999 pounds	105	100.0	1.5	95.2	3.1	.2
10,000 to 29,999 pounds	114	100.0	7.3	85.0	7.7	-
30,000 to 59,999 pounds	324	100.0	18.6	75.3	6.1	-
60,000 to 89,999 pounds	127	100.0	66.8	33.2	-	-
90,000 pounds and over	107	100.0	55.7	44.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 082--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	613	100.0	41.8	54.6	2.4	1.2
Under 1,000 pounds	36	100.0	1.6	92.5	1.3	4.6
1,000 to 9,999 pounds	85	100.0	.6	82.8	10.3	6.3
10,000 to 29,999 pounds	77	100.0	10.6	87.5	1.5	.4
30,000 to 59,999 pounds	196	100.0	34.4	63.9	1.7	-
60,000 to 89,999 pounds	174	100.0	80.5	19.5	-	-
90,000 pounds and over	45	100.0	86.9	10.3	2.8	-
600 to 999 miles	964	100.0	44.1	52.9	2.3	.7
Under 1,000 pounds	65	100.0	3.6	89.2	.6	6.6
1,000 to 9,999 pounds	100	100.0	4.5	93.4	1.1	1.0
10,000 to 29,999 pounds	139	100.0	15.2	77.8	7.0	-
30,000 to 59,999 pounds	293	100.0	30.4	65.5	3.7	.4
60,000 to 89,999 pounds	267	100.0	86.3	13.7	-	-
90,000 pounds and over	100	100.0	78.2	21.8	-	-
1,000 miles and over	1,209	100.0	55.3	27.0	.8	16.9
Under 1,000 pounds	88	100.0	7.4	80.6	.3	11.7
1,000 to 9,999 pounds	102	100.0	3.1	85.5	.8	10.6
10,000 to 29,999 pounds	155	100.0	10.0	58.9	3.9	27.2
30,000 to 59,999 pounds	283	100.0	60.0	26.1	.9	13.0
60,000 to 89,999 pounds	223	100.0	98.6	1.3	-	.1
90,000 pounds and over	358	100.0	71.4	-	-	28.6

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 082--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,372	100.0	23.8	61.5	13.4	-	0.7	0.5	0.1
New England	567	100.0	25.7	55.9	15.4	-	2.9	.1	-
Middle Atlantic	1,744	100.0	6.0	79.0	12.6	0.1	.6	1.6	.1
East North Central	3,104	100.0	29.7	65.5	3.7	-	.8	.3	-
West North Central	1,922	100.0	27.1	42.2	30.1	-	-	.6	-
South Atlantic	1,200	100.0	27.2	63.9	8.3	-	.3	.1	.2
West South Central	403	100.0	38.1	51.1	10.8	-	-	-	-
Pacific[1]	1,407	100.0	20.9	60.4	17.4	-	1.2	.1	-
Balance of United States[2]	25	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	4,183	100.0	39.5	50.3	4.7	.2	4.3	1.0	-
New England	277	100.0	54.4	35.7	8.1	.1	1.4	.2	.1
Middle Atlantic	601	100.0	13.5	72.1	4.4	.9	4.1	4.8	.2
East North Central	1,446	100.0	41.8	49.3	1.6	-	7.1	.2	-
West North Central	709	100.0	44.6	44.0	10.3	-	-	1.1	-
South Atlantic	363	100.0	42.7	52.8	4.2	-	.2	.1	-
West South Central	124	100.0	40.9	50.7	8.3	-	-	.1	-
Pacific[1]	642	100.0	46.0	42.6	4.2	-	7.2	-	-
Balance of United States[2]	21	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 082--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	10,372	10,372	503	1,666	2,135	1,252	1,520	591	958	315	1,432
Ton-miles.....millions..	4,183	4,183	134	436	703	373	603	230	505	220	979
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	10,372	100.0	4.9	16.1	20.5	12.1	14.7	5.7	9.2	3.0	13.8
Shipments from--											
New England.....	567	100.0	33.7	30.9	10.6	2.1	11.4	2.6	1.8	.5	6.4
Middle Atlantic.....	1,744	100.0	11.6	46.1	10.0	1.7	19.8	5.9	2.2	.4	2.3
East North Central.....	3,104	100.0	2.3	11.3	40.0	12.7	10.6	9.8	5.7	2.5	5.1
West North Central.....	1,922	100.0	.5	1.7	26.3	39.0	4.7	3.1	17.7	3.0	4.0
South Atlantic.....	1,200	100.0	2.2	22.8	4.0	1.5	56.4	7.0	4.4	.2	1.5
West South Central.....	403	100.0	-	.6	2.0	9.1	1.5	2.2	79.6	4.9	.1
Pacific[2].....	1,407	100.0	.3	1.6	6.2	.9	.3	.9	1.2	10.5	78.1
Balance of U.S.[3].....	25	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	4,183	100.0	3.2	10.4	16.8	8.9	14.4	5.5	12.1	5.3	23.4
Shipments from--											
New England.....	277	100.0	5.6	11.6	16.7	4.4	16.0	5.5	5.4	1.8	33.0
Middle Atlantic.....	601	100.0	5.4	12.4	15.8	4.6	26.0	7.6	8.5	2.5	17.2
East North Central.....	1,446	100.0	3.9	13.0	15.3	10.7	11.9	6.7	9.6	5.1	23.8
West North Central.....	709	100.0	1.5	4.0	19.6	17.8	8.8	2.6	23.3	5.9	16.5
South Atlantic.....	363	100.0	2.6	13.0	7.1	4.4	40.8	7.6	11.6	1.4	11.5
West South Central.....	124	100.0	-	2.5	5.7	15.0	3.5	3.5	58.2	11.0	.6
Pacific[2].....	642	100.0	1.5	8.7	26.0	2.6	1.7	3.1	2.7	10.1	43.6
Balance of U.S.[3].....	21	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 082--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,372	100.0	23.8	61.5	13.4	-	0.7	0.5	0.1
Middle Atlantic, total	1,744	100.0	6.0	79.0	12.6	0.1	.6	1.6	.1
Shipments to--									
New England	202	100.0	4.1	87.7	7.8	-	-	.4	-
Middle Atlantic	804	100.0	1.2	76.3	22.0	-	.1	.3	.1
East North Central	175	100.0	25.7	61.9	4.2	.2	-	7.4	.6
West North Central	29	100.0	41.6	52.6	-	.2	-	5.6	-
South Atlantic	345	100.0	2.5	91.4	5.2	-	.4	.5	-
East South Central	104	100.0	6.8	91.2	1.1	-	-	.8	.1
West South Central	38	100.0	13.0	72.4	3.9	.5	7.7	2.4	.1
Pacific	40	100.0	20.1	51.2	-	2.9	14.3	11.0	.5
East North Central, total	3,104	100.0	29.7	65.5	3.7	-	.8	.3	-
Shipments to--									
Middle Atlantic	351	100.0	51.7	47.1	.8	.1	.1	.2	-
East North Central	1,247	100.0	12.8	79.2	7.3	-	-	.6	.1
West North Central	395	100.0	31.8	66.7	1.2	-	-	.3	-
South Atlantic	328	100.0	34.1	62.9	2.8	.1	-	.1	-
East South Central	303	100.0	25.5	72.5	2.0	-	-	-	-
West South Central	176	100.0	51.3	48.6	-	-	-	.1	-
Pacific	157	100.0	62.3	21.7	-	-	15.6	.4	-
West North Central, total	1,922	100.0	27.1	42.2	30.1	-	-	.6	-
Shipments to--									
East North Central	506	100.0	28.7	36.9	34.2	-	-	.2	-
West North Central	748	100.0	8.0	40.6	51.3	-	-	.1	-
West South Central	339	100.0	44.3	51.1	4.2	-	-	.4	-
South Atlantic, total	1,200	100.0	27.2	63.9	8.3	-	.3	.1	.2
Shipments to--									
Middle Atlantic	274	100.0	9.1	87.2	3.6	-	-	.1	-
East North Central	48	100.0	45.3	54.4	-	-	-	.3	-
South Atlantic	677	100.0	29.2	57.5	12.5	-	.5	-	.3
Pacific, total	1,407	100.0	20.9	60.4	17.4	-	1.2	.1	-
Shipments to--									
East North Central	87	100.0	83.5	16.5	-	-	-	-	-
Mountain	147	100.0	31.1	68.7	.1	-	-	.1	-
Pacific	1,101	100.0	13.0	63.2	22.2	-	1.5	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	4,183	100.0	39.5	50.3	4.7	.2	4.3	1.0	-
Middle Atlantic, total	601	100.0	13.5	72.1	4.4	.9	4.1	4.8	.2
Shipments to--									
New England	33	100.0	4.8	85.3	9.5	-	-	.4	-
Middle Atlantic	75	100.0	2.5	84.5	12.6	-	-	.4	-
East North Central	95	100.0	27.6	58.8	4.6	.2	-	8.2	.6
West North Central	27	100.0	38.2	55.3	-	.3	-	6.2	-
South Atlantic	156	100.0	5.5	88.5	4.3	.1	.7	.9	-
East South Central	46	100.0	5.8	89.9	2.5	-	-	1.6	.2
West South Central	51	100.0	14.7	70.6	3.6	.5	8.0	2.5	.1
Pacific	103	100.0	18.9	46.6	-	4.9	18.8	10.3	.5

See footnote at end of table.

TABLE 6. SHIPPER CLASS 082--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(millions of ton-miles)								
TON-MILES--Continued									
East North Central, total	1,446	100.0	41.8	49.3	1.6	-	7.1	0.2	-
Shipments to--									
Middle Atlantic	188	100.0	57.4	41.5	.6	0.1	.1	.3	-
East North Central	220	100.0	16.1	77.8	5.9	-	-	.2	-
West North Central	155	100.0	37.0	61.8	.9	-	-	.3	-
South Atlantic	172	100.0	33.5	63.1	3.2	.1	-	.1	-
East South Central	97	100.0	24.0	73.7	2.3	-	-	-	-
West South Central	139	100.0	55.0	44.9	-	-	-	.1	-
Pacific	344	100.0	52.0	17.8	-	-	29.9	.3	-
West North Central, total	709	100.0	44.6	44.0	10.3	-	-	1.1	-
Shipments to--									
East North Central	139	100.0	36.0	42.2	21.5	-	-	.3	-
West North Central	126	100.0	14.1	55.8	30.0	-	-	.1	-
West South Central	165	100.0	47.7	50.4	1.5	-	-	.4	-
South Atlantic, total	363	100.0	42.7	52.8	4.2	-	.2	.1	-
Shipments to--									
Middle Atlantic	47	100.0	17.6	80.5	1.7	-	-	.2	-
East North Central	26	100.0	47.8	51.9	-	-	-	.3	-
South Atlantic	148	100.0	36.1	54.9	8.6	-	.4	-	-
Pacific, total	642	100.0	46.0	42.6	4.2	-	7.2	-	-
Shipments to--									
East North Central	167	100.0	83.8	16.2	-	-	-	-	-
Mountain	65	100.0	28.5	71.3	.1	-	-	.1	-
Pacific	280	100.0	23.5	50.6	9.3	-	16.6	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 082--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	10,372	2,612	4,681	3,079	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	4,183	799	1,992	1,392
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	23.8	5.8	28.7	31.6	39.5	19.8	46.9	40.1
Motor carrier.....	61.5	51.9	63.9	66.1	50.3	58.1	48.5	48.7
Private truck.....	13.4	40.9	6.6	.4	4.7	17.4	2.7	.4
Air.....	-	-	-	.1	.2	-	-	.4
Water.....	.7	.8	.3	1.1	4.3	3.4	1.2	9.1
Other.....	.5	.5	.4	.7	1.0	1.2	.7	1.3
Unknown.....	.1	.1	.1	-	-	.1	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	21.3	36.0	20.1	10.7	2.5	5.5	2.1	1.4
100 to 199 miles.....	18.3	27.4	16.4	13.5	6.7	13.3	5.7	4.4
200 to 299 miles.....	16.3	9.0	14.6	25.0	9.9	7.0	8.4	13.8
300 to 399 miles.....	11.7	6.3	14.6	12.0	10.0	6.8	11.9	9.2
400 to 499 miles.....	7.2	3.7	7.0	10.5	7.9	5.4	7.3	10.1
500 to 999 miles.....	18.3	12.1	18.9	22.5	31.7	29.8	31.1	33.4
1,000 miles and over.....	6.9	5.5	8.4	5.8	31.3	32.2	33.5	27.7

Table 8. SHIPPER CLASS 082--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Soap, Detergents, Perfume, Cosmetics, and Other Toilet Preparations

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	62.8	59.9	68.0	76.5
Highway facilities	96.9	98.5	93.1	94.1
Rail and highway facilities	60.1	58.4	62.2	73.5
Air facilities	86.8	86.3	86.7	94.1
Rail, highway, and air facilities	52.6	50.8	53.5	73.5
Water facilities	27.4	24.3	34.3	35.3
Rail, highway, air, and water facilities	14.8	10.6	23.8	26.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 083--Percent Distribution of Distance, by Means of Transport: 1967

Paint and Allied Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	5,061	100.0	10.2	74.1	15.2	-	0.1	0.3	0.1
Under 50 miles	550	100.0	1.0	69.3	28.3	-	-	1.3	.1
50 to 99 miles	607	100.0	4.4	75.2	20.1	-	-	.3	-
100 to 199 miles	1,034	100.0	2.5	77.3	20.1	-	-	.1	-
200 to 299 miles	860	100.0	7.6	77.5	14.5	-	-	.2	.2
300 to 399 miles	599	100.0	9.8	85.1	5.0	-	-	-	.1
400 to 499 miles	360	100.0	14.8	74.2	10.8	0.1	-	-	.1
500 to 599 miles	252	100.0	35.2	57.5	7.0	-	-	-	.3
600 to 799 miles	431	100.0	19.9	72.1	7.7	-	.1	.1	.1
800 to 999 miles	155	100.0	20.8	62.2	16.4	.1	.1	.3	.1
1,000 to 1,199 miles	71	100.0	20.4	61.8	17.6	-	.2	-	-
1,200 to 1,499 miles	66	100.0	59.3	39.1	1.4	.1	-	-	.1
1,500 to 1,999 miles	55	100.0	27.9	66.7	3.4	.2	.7	.2	.9
2,000 miles and over	21	100.0	13.5	69.3	.4	2.1	13.9	.6	.2
TON-MILES	(millions of ton-miles)								
Total	1,684	100.0	18.5	70.2	10.4	.1	.5	.1	.2
Under 50 miles	15	100.0	.8	72.0	26.1	-	-	1.0	.1
50 to 99 miles	45	100.0	4.6	74.8	20.2	-	-	.4	-
100 to 199 miles	154	100.0	2.8	78.0	19.0	-	-	.1	.1
200 to 299 miles	211	100.0	7.3	78.2	14.1	-	-	.2	.2
300 to 399 miles	207	100.0	9.9	84.9	5.1	-	-	-	.1
400 to 499 miles	162	100.0	14.7	74.1	11.0	.1	-	-	.1
500 to 599 miles	140	100.0	36.2	56.4	7.1	-	-	-	.3
600 to 799 miles	294	100.0	20.3	71.6	7.9	-	-	.1	.1
800 to 999 miles	139	100.0	20.1	63.1	16.2	.1	.1	.3	.1
1,000 to 1,199 miles	78	100.0	20.1	61.5	18.2	-	.2	-	-
1,200 to 1,499 miles	91	100.0	61.1	37.4	1.3	.1	-	-	.1
1,500 to 1,999 miles	100	100.0	28.6	66.0	3.5	.2	.7	.2	.8
2,000 miles and over	48	100.0	14.1	66.0	.4	2.2	16.5	.6	.2

[1]Distance of shipments to foreign destinations are claculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 083--Percent Distribution of Weight, by Means of Transport: 1967

Paint and Allied Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	5,023	100.0	10.2	74.4	14.9	0.5
Under 1,000 pounds	577	100.0	.4	87.5	11.0	1.1
Under 50 pounds	4	100.0	.7	64.2	15.2	19.9
50 to 99 pounds	8	100.0	1.2	79.4	13.9	5.5
100 to 199 pounds	28	100.0	1.3	81.7	13.7	3.3
200 to 499 pounds	205	100.0	.4	88.7	9.5	1.4
500 to 999 pounds	332	100.0	.4	87.7	11.7	.2
1,000 to 1,999 pounds	1,533	100.0	1.1	85.3	12.8	.8
1,000 to 1,999 pounds	398	100.0	.5	86.5	12.3	.7
2,000 to 2,999 pounds	272	100.0	1.5	89.5	8.1	.9
3,000 to 3,999 pounds	173	100.0	1.1	87.3	10.2	1.4
4,000 to 4,999 pounds	173	100.0	1.5	84.1	13.6	.8
5,000 to 9,999 pounds	517	100.0	1.1	82.0	16.3	.6
10,000 to 29,999 pounds	1,144	100.0	5.0	74.6	19.9	.5
10,000 to 19,999 pounds	524	100.0	3.6	69.5	26.5	.4
20,000 to 29,999 pounds	620	100.0	6.2	78.8	14.4	.6
30,000 to 59,999 pounds	1,328	100.0	13.4	67.1	19.5	-
30,000 to 39,999 pounds	620	100.0	8.0	72.8	19.1	.1
40,000 to 49,999 pounds	594	100.0	11.8	66.7	21.5	-
50,000 to 59,999 pounds	114	100.0	50.5	38.6	10.9	-
60,000 to 89,999 pounds	261	100.0	69.0	31.0	-	-
60,000 to 69,999 pounds	108	100.0	68.7	31.3	-	-
70,000 to 79,999 pounds	63	100.0	47.7	52.3	-	-
80,000 to 89,999 pounds	90	100.0	84.1	15.9	-	-
90,000 pounds and over	180	100.0	44.6	55.4	-	-
TON-MILES	(millions of ton-miles)					
Total	1,672	100.0	18.6	70.4	10.2	.8
Under 1,000 pounds	149	100.0	1.3	92.6	3.8	2.3
Under 50 pounds	2	100.0	.9	62.6	5.5	31.0
50 to 99 pounds	3	100.0	1.6	83.8	4.8	9.8
100 to 199 pounds	9	100.0	2.8	86.5	4.4	6.3
200 to 499 pounds	54	100.0	1.0	91.9	3.8	3.3
500 to 999 pounds	81	100.0	1.3	94.6	3.6	.5
10,000 to 9,999 pounds	459	100.0	3.4	89.2	6.0	1.4
1,000 to 1,999 pounds	110	100.0	1.9	92.1	4.8	1.2
2,000 to 2,999 pounds	79	100.0	3.9	89.8	2.5	3.8
3,000 to 3,999 pounds	58	100.0	2.2	93.5	3.9	.4
4,000 to 4,999 pounds	60	100.0	5.5	85.2	8.1	1.2
5,000 to 9,999 pounds	152	100.0	3.9	86.9	8.5	.7
10,000 to 29,999 pounds	372	100.0	10.3	72.2	16.5	1.0
10,000 to 19,999 pounds	156	100.0	7.5	71.8	18.2	2.5
20,000 to 29,999 pounds	216	100.0	12.3	72.3	15.3	.1
30,000 to 59,999 pounds	489	100.0	23.6	60.6	15.5	.3
30,000 to 39,999 pounds	238	100.0	22.7	65.7	10.9	.7
40,000 to 49,999 pounds	207	100.0	17.0	61.3	21.7	-
50,000 to 59,999 pounds	44	100.0	59.4	30.0	10.6	-
60,000 to 89,999 pounds	137	100.0	71.6	28.4	-	-
60,000 to 69,999 pounds	50	100.0	66.4	33.6	-	-
70,000 to 79,999 pounds	49	100.0	64.1	35.9	-	-
80,000 to 89,999 pounds	38	100.0	88.0	12.0	-	-
90,000 pounds and over	66	100.0	63.7	36.3	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 083--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Paint and Allied Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	5,023	100.0	10.2	74.4	14.9	0.5
Under 200 miles	2,171	100.0	2.7	75.1	21.7	.5
Under 1,000 pounds	338	100.0	.1	81.9	17.1	.9
1,000 to 9,999 pounds	765	100.0	.1	78.4	20.7	.8
10,000 to 29,999 pounds	509	100.0	1.1	68.9	29.4	.6
30,000 to 59,999 pounds	443	100.0	1.6	74.7	23.7	-
60,000 to 89,999 pounds	50	100.0	68.3	31.7	-	-
90,000 pounds and over	66	100.0	16.4	83.6	-	-
200 to 399 miles	1,449	100.0	8.6	81.0	10.2	.2
Under 1,000 pounds	137	100.0	.3	95.5	3.6	.6
1,000 to 9,999 pounds	416	100.0	.3	93.9	5.3	.5
10,000 to 29,999 pounds	321	100.0	4.1	86.4	9.2	.3
30,000 to 59,999 pounds	466	100.0	9.4	71.0	19.6	-
60,000 to 89,999 pounds	74	100.0	64.9	35.1	-	-
90,000 pounds and over	35	100.0	49.7	50.3	-	-
400 to 599 miles	609	100.0	23.3	67.2	9.2	.3
Under 1,000 pounds	47	100.0	1.2	96.7	1.0	1.1
1,000 to 9,999 pounds	158	100.0	2.4	92.7	4.2	.7
10,000 to 29,999 pounds	137	100.0	7.4	78.6	14.0	-
30,000 to 59,999 pounds	196	100.0	40.2	44.6	15.2	-
60,000 to 89,999 pounds	40	100.0	86.3	13.7	-	-
90,000 pounds and over	31	100.0	44.2	55.8	-	-
600 to 999 miles	581	100.0	20.3	69.7	9.7	.3
Under 1,000 pounds	34	100.0	2.6	94.6	1.3	1.5
1,000 to 9,999 pounds	135	100.0	1.7	91.4	6.0	.9
10,000 to 29,999 pounds	120	100.0	13.7	73.6	12.7	-
30,000 to 59,999 pounds	170	100.0	11.5	69.3	19.2	-
60,000 to 89,999 pounds	73	100.0	55.3	44.7	-	-
90,000 pounds and over	49	100.0	79.0	21.0	-	-
1,000 miles and over	213	100.0	33.9	56.6	7.2	2.3
Under 1,000 pounds	21	100.0	2.2	91.4	.7	5.7
1,000 to 9,999 pounds	59	100.0	14.5	81.5	1.1	2.9
10,000 to 29,999 pounds	57	100.0	21.5	50.5	25.6	2.4
30,000 to 59,999 pounds	53	100.0	53.9	44.9	-	1.2
60,000 pounds and over	23	100.0	97.2	2.8	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	1,672	100.0	18.6	70.4	10.2	.8
Under 200 miles	212	100.0	3.1	77.4	19.3	.2
Under 1,000 pounds	30	100.0	.1	87.0	12.2	.7
1,000 to 9,999 pounds	74	100.0	.1	84.3	15.2	.4
10,000 to 29,999 pounds	49	100.0	1.1	70.9	27.8	.2
30,000 to 59,999 pounds	50	100.0	1.1	74.1	24.8	-
60,000 to 89,999 pounds	6	100.0	71.2	28.8	-	-
90,000 pounds and over	3	100.0	41.1	58.9	-	-
200 to 399 miles	415	100.0	8.7	81.8	9.3	.2
Under 1,000 pounds	39	100.0	.4	95.9	3.0	.7
1,000 to 9,999 pounds	119	100.0	.3	94.6	4.7	.4
10,000 to 29,999 pounds	95	100.0	3.7	87.4	8.7	.2
30,000 to 59,999 pounds	127	100.0	9.9	71.5	18.6	-
60,000 to 89,999 pounds	23	100.0	61.5	38.5	-	-
90,000 pounds and over	12	100.0	46.2	53.8	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 083--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Paint and Allied Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	301	100.0	24.8	65.8	9.1	0.3
Under 1,000 pounds	23	100.0	1.2	96.6	1.1	1.1
1,000 to 9,999 pounds	76	100.0	2.3	92.6	4.3	.8
10,000 to 29,999 pounds	65	100.0	7.2	78.3	14.5	-
30,000 to 59,999 pounds	99	100.0	42.0	43.4	14.6	-
60,000 to 89,999 pounds	21	100.0	87.4	12.6	-	-
90,000 pounds and over	17	100.0	45.3	54.7	-	-
600 to 999 miles	430	100.0	20.4	69.0	10.2	.4
Under 1,000 pounds	26	100.0	2.8	94.4	1.3	1.5
1,000 to 9,999 pounds	100	100.0	1.7	91.0	6.3	1.0
10,000 to 29,999 pounds	83	100.0	14.4	71.2	14.4	-
30,000 to 59,999 pounds	131	100.0	10.8	69.9	19.3	-
60,000 to 89,999 pounds	56	100.0	56.5	43.5	-	-
90,000 pounds and over	34	100.0	80.5	19.5	-	-
1,000 miles and over	314	100.0	33.9	56.4	6.1	3.6
Under 1,000 pounds	32	100.0	2.3	89.8	.6	7.3
1,000 to 9,999 pounds	90	100.0	13.2	81.5	1.0	4.3
10,000 to 29,999 pounds	79	100.0	22.3	50.3	22.7	4.7
30,000 to 59,999 pounds	82	100.0	56.4	41.6	-	2.0
60,000 pounds and over	31	100.0	95.1	4.9	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 083--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Paint and Allied Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,061	100.0	10.2	74.1	15.2	-	0.1	0.3	0.1
New England	180	100.0	7.1	53.2	39.5	0.1	.1	-	-
Middle Atlantic	998	100.0	4.3	90.5	4.6	-	-	.4	.2
East North Central	1,706	100.0	13.1	73.3	13.3	-	-	.2	.1
West North Central	381	100.0	19.5	69.2	11.0	-	-	.2	.1
South Atlantic	344	100.0	1.1	53.3	45.5	-	.1	-	-
East South Central	469	100.0	1.8	87.7	9.7	-	-	.8	-
West South Central	579	100.0	19.2	59.1	21.6	-	-	.1	-
Mountain[1]	11	-	-	-	-	-	-	-	-
Pacific[2]	393	100.0	9.5	74.7	14.4	.1	.9	.1	.3
TON-MILES	(millions of ton-miles)								
U.S. total	1,684	100.0	18.5	70.2	10.4	.1	.5	.1	.2
New England	57	100.0	22.6	55.6	21.3	.2	.3	-	-
Middle Atlantic	297	100.0	6.3	91.4	1.6	.1	.1	.2	.3
East North Central	537	100.0	21.7	68.1	9.8	.1	-	.2	.1
West North Central	161	100.0	45.4	47.9	6.5	-	.1	-	.1
South Atlantic	93	100.0	2.9	66.9	30.1	-	.1	-	-
East South Central	156	100.0	3.4	79.7	16.6	.1	-	.2	-
West South Central	221	100.0	26.4	55.8	17.8	-	-	-	-
Mountain[1]	4	-	-	-	-	-	-	-	-
Pacific[2]	158	100.0	15.1	76.7	1.7	.5	5.3	-	.7

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 083--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Paint and Allied Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	5,061	5,061	266	692	1,229	541	789	413	551	160	420
Ton-miles.....millions..	1,684	1,684	67	144	254	218	321	106	200	106	268
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	5,061	100.0	5.2	13.7	24.2	10.7	15.6	8.2	10.9	3.2	8.3
Shipments from--											
New England.....	180	100.0	52.5	24.8	7.5	1.3	12.0	.4	1.1	.3	.1
Middle Atlantic.....	998	100.0	12.7	43.2	9.0	2.3	28.7	1.7	1.8	.2	.4
East North Central.....	1,706	100.0	1.4	10.0	55.9	12.7	8.4	5.6	3.0	.5	2.5
West North Central.....	381	100.0	.1	1.2	16.2	42.1	1.1	7.6	18.8	2.9	10.0
South Atlantic.....	344	100.0	.9	8.1	5.7	1.6	66.1	14.8	1.8	-	1.0
East South Central.....	469	100.0	3.5	2.4	17.6	14.4	13.9	41.0	6.4	.2	.6
West South Central.....	579	100.0	-	.1	.8	10.8	6.5	4.5	62.6	12.9	1.8
Mountain[2].....	11	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	393	100.0	.1	.4	.8	.6	.7	.5	1.7	14.3	80.9
TON-MILES	(millions)										
U.S. total.....	1,684	100.0	4.0	8.6	15.1	12.9	19.0	6.3	11.9	6.3	15.9
Shipments from--											
New England.....	57	100.0	10.2	22.7	19.1	4.8	32.8	1.4	6.3	1.6	1.1
Middle Atlantic.....	297	100.0	8.3	14.9	15.0	6.9	38.5	3.8	7.7	1.4	3.5
East North Central.....	537	100.0	3.2	11.9	24.0	16.7	13.5	6.1	8.1	1.7	14.8
West North Central.....	161	100.0	.1	2.9	12.6	22.3	2.0	4.9	16.9	4.5	33.8
South Atlantic.....	93	100.0	1.2	8.1	12.1	3.5	50.4	12.1	4.6	.1	7.9
East South Central.....	156	100.0	11.3	4.4	17.4	22.0	17.1	17.6	6.7	.4	3.1
West South Central.....	221	100.0	-	.2	1.4	12.5	14.4	5.4	36.0	23.9	6.2
Mountain[2].....	4	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	158	100.0	.5	2.6	3.4	2.4	3.7	2.0	5.4	18.5	61.5

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 083--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Paint and Allied Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,061	100.0	10.2	74.1	15.2	-	0.1	0.3	0.1
Middle Atlantic, total	998	100.0	4.3	90.5	4.6	-	-	.4	.2
Shipments to--									
New England	127	100.0	1.0	95.9	2.6	-	-	.3	.2
Middle Atlantic	430	100.0	.8	89.6	8.6	-	-	.8	.2
East North Central	90	100.0	1.9	95.5	1.5	0.1	-	.4	.6
South Atlantic	287	100.0	10.7	87.6	1.3	-	.1	-	.3
East North Central, total	1,706	100.0	13.1	73.3	13.3	-	-	.2	.1
Shipments to--									
Middle Atlantic	171	100.0	13.1	74.8	12.0	.1	-	-	-
East North Central	952	100.0	4.6	76.8	18.2	-	-	.3	.1
West North Central	217	100.0	32.6	66.9	.5	-	-	-	-
South Atlantic	144	100.0	34.1	62.6	3.0	-	-	.3	-
East South Central	95	100.0	9.5	73.9	16.0	-	-	.2	.4
West South Central	52	100.0	25.0	65.6	9.2	.1	-	.1	-
East South Central, total	469	100.0	1.8	87.7	9.7	-	-	.8	-
Shipments to--									
East South Central	193	100.0	-	97.3	2.0	-	-	.7	-
West South Central, total	579	100.0	19.2	59.1	21.6	-	-	.1	-
Shipments to--									
West South Central	363	100.0	7.9	65.9	26.1	-	-	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,684	100.0	18.5	70.2	10.4	.1	.5	.1	.2
Middle Atlantic, total	297	100.0	6.3	91.4	1.6	.1	.1	.2	.3
Shipments to--									
New England	25	100.0	1.1	96.3	2.2	-	-	.2	.2
Middle Atlantic	44	100.0	.4	95.9	3.3	-	-	.1	.3
East North Central	44	100.0	1.8	95.0	2.3	.1	-	.2	.6
South Atlantic	115	100.0	6.9	91.9	.6	-	.2	.1	.3
East North Central, total	537	100.0	21.7	68.1	9.8	.1	-	.2	.1
Shipments to--									
Middle Atlantic	64	100.0	14.5	67.9	17.4	.1	.1	-	-
East North Central	129	100.0	4.5	78.2	17.0	-	-	.2	.1
West North Central	89	100.0	33.8	65.4	.8	-	-	-	-
South Atlantic	73	100.0	38.2	58.1	3.2	-	-	.5	-
East South Central	33	100.0	14.4	71.3	13.3	-	-	.3	.7
West South Central	43	100.0	25.0	66.4	8.4	.1	-	.1	-
East South Central, total	156	100.0	3.4	79.7	16.6	.1	-	.2	-
Shipments to--									
East South Central	27	100.0	-	98.4	1.3	-	-	.3	-
West South Central, total	221	100.0	26.4	55.8	17.8	-	-	-	-
Shipments to--									
West South Central	80	100.0	8.5	67.1	24.4	-	-	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 083--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Paint and Allied Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	5,061	1,902	2,784	375	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,684	561	981	142
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	10.2	8.9	9.5	21.0	18.5	14.0	18.2	38.3
Motor carrier.....	74.1	68.1	79.3	67.1	70.2	68.0	73.3	56.5
Private truck.....	15.2	22.6	10.8	11.3	10.4	17.2	7.3	5.0
Air.....	-	-	-	-	.1	.2	.1	-
Water.....	.1	-	.1	-	.5	.3	.7	-
Other.....	.3	.2	.2	.6	.1	.1	.2	.2
Unknown.....	.1	.2	.1	-	.2	.2	.2	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	22.9	26.9	19.7	25.2	3.6	4.5	3.0	3.6
100 to 199 miles.....	20.4	19.0	22.2	15.2	9.2	9.8	9.2	6.1
200 to 299 miles.....	17.0	19.5	15.8	13.1	12.5	16.2	11.0	8.3
300 to 399 miles.....	11.8	10.9	12.8	9.4	12.3	13.0	12.4	8.5
400 to 499 miles.....	7.1	7.3	6.7	9.6	9.6	11.2	8.5	11.7
500 to 999 miles.....	16.6	13.8	17.7	21.9	34.0	32.7	34.2	38.6
1,000 miles and over.....	4.2	2.6	5.1	5.6	18.8	12.6	21.7	23.2

Table 8. SHIPPER CLASS 083--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Paint and Allied Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	63.4	59.2	74.1	87.5
Highway facilities	91.1	89.4	95.8	87.5
Rail and highway facilities	54.7	48.6	70.9	75.0
Air facilities	89.6	88.4	93.8	75.0
Rail, highway, and air facilities	51.1	44.7	68.8	50.0
Water facilities	34.8	32.1	41.6	50.0
Rail, highway, air, and water facilities	18.3	14.6	27.6	37.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 084--Percent Distribution of Distance, by Means of Transport: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	43,819	100.0	43.0	23.0	21.2	-	12.5	0.1	0.2
Under 50 miles	8,731	100.0	10.1	31.3	35.1	0.1	23.2	-	.2
50 to 99 miles	9,812	100.0	28.9	26.6	24.5	-	19.9	-	.1
100 to 199 miles	8,151	100.0	45.2	24.7	28.9	-	.6	.3	.3
200 to 299 miles	4,557	100.0	64.5	19.5	15.8	-	-	-	.2
300 to 399 miles	2,471	100.0	58.7	24.8	13.8	-	2.7	-	-
400 to 499 miles	2,301	100.0	65.4	15.1	8.5	-	10.8	-	.2
500 to 599 miles	1,304	100.0	75.4	17.9	2.9	-	3.8	-	-
600 to 799 miles	2,518	100.0	75.0	11.0	2.6	-	11.4	-	-
800 to 999 miles	2,006	100.0	62.3	9.4	3.8	-	24.4	.1	-
1,000 to 1,199 miles	1,236	100.0	71.2	4.6	.5	-	23.7	-	-
1,200 to 1,499 miles	426	100.0	88.4	10.3	.9	-	.3	.1	-
1,500 to 1,999 miles	170	100.0	75.9	21.1	2.9	-	-	.1	-
2,000 miles and over	136	100.0	65.9	14.8	.3	.8	18.2	-	-
TON-MILES	(millions of ton-miles)								
Total	11,859	100.0	63.2	15.6	9.4	-	11.7	-	.1
Under 50 miles	275	100.0	10.3	30.1	33.8	.1	25.5	-	.2
50 to 99 miles	662	100.0	29.9	27.6	25.4	-	16.9	-	.2
100 to 199 miles	1,149	100.0	45.9	24.7	28.3	-	.6	.2	.3
200 to 299 miles	1,102	100.0	64.3	20.2	15.3	-	-	-	.2
300 to 399 miles	858	100.0	59.3	24.4	13.5	-	2.8	-	-
400 to 499 miles	1,007	100.0	65.4	15.2	8.7	-	10.5	-	.2
500 to 599 miles	718	100.0	75.3	18.1	3.0	-	3.6	-	-
600 to 799 miles	1,788	100.0	75.1	10.7	2.4	-	11.8	-	-
800 to 999 miles	1,802	100.0	62.0	9.2	3.8	-	25.0	-	-
1,000 to 1,199 miles	1,339	100.0	70.3	4.7	.5	-	24.5	-	-
1,200 to 1,499 miles	549	100.0	88.1	10.6	.9	-	.3	.1	-
1,500 to 1,999 miles	291	100.0	76.1	20.8	3.0	-	-	.1	-
2,000 miles and over	319	100.0	66.7	14.7	.3	.8	17.5	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 084--Percent Distribution of Weight, by Means of Transport: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	41,670	100.0	43.3	23.5	21.1	11.8	0.3
Under 1,000 pounds	275	100.0	.4	74.2	21.2	.3	3.9
Under 50 pounds	7	100.0	.3	45.1	9.5	.1	45.0
50 to 99 pounds	13	100.0	.8	74.9	12.0	.1	12.2
100 to 199 pounds	25	100.0	.2	78.9	17.2	.3	3.4
200 to 499 pounds	97	100.0	.4	74.5	22.3	.3	2.5
500 to 999 pounds	133	100.0	.3	74.5	22.8	.3	2.1
1,000 to 9,999 pounds	1,887	100.0	.4	52.1	45.9	.1	1.5
1,000 to 1,999 pounds	229	100.0	.8	66.6	30.2	.2	2.2
2,000 to 2,999 pounds	285	100.0	.1	59.1	38.7	.1	2.0
3,000 to 3,999 pounds	216	100.0	.2	50.9	48.4	.1	.4
4,000 to 4,999 pounds	253	100.0	-	42.9	55.7	.2	1.2
5,000 to 9,999 pounds	904	100.0	.6	48.9	48.9	.1	1.5
10,000 to 29,999 pounds	4,834	100.0	2.0	42.2	55.1	-	.7
10,000 to 19,999 pounds	2,784	100.0	1.4	38.8	59.1	-	.7
20,000 to 29,999 pounds	2,050	100.0	2.9	46.9	49.3	-	.9
30,000 to 59,999 pounds	11,038	100.0	7.8	49.8	42.0	.1	.3
30,000 to 39,999 pounds	2,796	100.0	4.0	48.6	47.1	-	.3
40,000 to 49,999 pounds	7,247	100.0	3.7	53.2	42.9	.1	.1
50,000 to 59,999 pounds	995	100.0	48.1	29.9	20.7	-	1.3
60,000 to 89,999 pounds	1,293	100.0	89.8	8.4	1.0	.1	.7
60,000 to 69,999 pounds	433	100.0	88.0	11.2	.8	-	-
70,000 to 79,999 pounds	180	100.0	86.5	8.5	-	-	5.0
80,000 to 89,999 pounds	680	100.0	91.8	6.6	1.4	.2	-
90,000 pounds and over	22,343	100.0	71.3	4.2	2.5	22.0	-
TON-MILES	(millions of ton-miles)						
Total	10,986	100.0	65.6	16.1	9.4	8.7	.2
Under 1,000 pounds	83	100.0	1.1	83.3	10.4	.5	4.7
Under 50 pounds	3	100.0	.8	45.5	1.7	.8	51.2
50 to 99 pounds	5	100.0	1.4	85.1	3.4	-	10.1
100 to 199 pounds	8	100.0	.6	88.5	7.5	.8	2.6
200 to 499 pounds	30	100.0	1.2	87.5	8.4	.8	2.1
500 to 999 pounds	37	100.0	1.0	81.6	14.3	.3	2.8
1,000 to 9,999 pounds	414	100.0	1.5	67.0	29.3	.5	1.7
1,000 to 1,999 pounds	64	100.0	1.0	74.0	23.5	-	1.5
2,000 to 2,999 pounds	72	100.0	.9	71.9	23.2	2.3	1.7
3,000 to 3,999 pounds	67	100.0	.6	72.1	26.6	.5	.2
4,000 to 4,999 pounds	37	100.0	.3	63.4	35.1	.1	1.1
5,000 to 9,999 pounds	174	100.0	2.4	61.4	33.8	.1	2.3
10,000 to 29,999 pounds	668	100.0	7.7	54.2	37.1	.3	.7
10,000 to 19,999 pounds	337	100.0	6.1	48.2	44.2	.6	.9
20,000 to 29,999 pounds	331	100.0	9.2	60.6	29.8	-	.4
30,000 to 59,999 pounds	2,075	100.0	23.7	45.6	30.0	.6	.1
30,000 to 39,999 pounds	588	100.0	12.0	56.3	31.3	.3	.1
40,000 to 49,999 pounds	1,108	100.0	10.1	51.7	37.2	.9	.1
50,000 to 59,999 pounds	379	100.0	81.8	10.7	7.1	-	.4
60,000 to 89,999 pounds	735	100.0	93.9	5.5	.2	.3	.1
60,000 to 69,999 pounds	252	100.0	93.2	6.6	.2	-	-
70,000 to 79,999 pounds	100	100.0	94.6	4.7	-	-	.7
80,000 to 89,999 pounds	383	100.0	93.9	5.0	.4	.7	-
90,000 pounds and over	7,011	100.0	85.2	1.0	.4	13.4	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 084--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	41,670	100.0	43.3	23.5	21.1	11.8	0.3
Under 200 miles	25,796	100.0	27.0	28.1	29.0	15.6	.3
Under 1,000 pounds	158	100.0	.2	65.3	30.4	.3	3.8
1,000 to 9,999 pounds	1,314	100.0	.1	45.8	52.5	.2	1.4
10,000 to 29,999 pounds	4,014	100.0	1.2	38.0	60.1	-	.7
30,000 to 59,999 pounds	8,056	100.0	1.8	51.0	46.8	-	.4
60,000 to 89,999 pounds	361	100.0	82.1	11.9	3.5	-	2.5
90,000 pounds and over	11,893	100.0	54.5	7.2	4.5	33.8	-
200 to 399 miles	6,627	100.0	64.1	21.4	14.3	.1	.1
Under 1,000 pounds	54	100.0	.1	84.6	10.9	.4	4.0
1,000 to 9,999 pounds	291	100.0	.5	58.6	38.4	-	2.5
10,000 to 29,999 pounds	380	100.0	2.6	60.0	37.0	-	.4
30,000 to 59,999 pounds	1,809	100.0	13.5	49.0	37.2	.3	-
60,000 to 89,999 pounds	290	100.0	87.8	12.2	-	-	-
90,000 pounds and over	3,803	100.0	98.3	1.3	.4	-	-
400 to 599 miles	3,415	100.0	69.3	15.4	6.4	8.7	.2
Under 1,000 pounds	21	100.0	.1	89.8	6.8	.4	2.9
1,000 to 9,999 pounds	130	100.0	2.0	64.9	32.0	-	1.1
10,000 to 29,999 pounds	229	100.0	4.4	64.3	29.2	.2	1.9
30,000 to 59,999 pounds	470	100.0	27.5	49.3	23.2	-	-
60,000 to 89,999 pounds	128	100.0	96.9	3.1	-	-	-
90,000 pounds and over	2,437	100.0	86.2	1.6	-	12.2	-
600 to 999 miles	3,969	100.0	76.2	11.3	3.6	8.9	-
Under 1,000 pounds	24	100.0	1.3	85.2	8.4	-	5.1
1,000 to 9,999 pounds	94	100.0	.8	77.6	21.0	-	.6
10,000 to 29,999 pounds	157	100.0	9.3	65.8	24.8	-	.1
30,000 to 59,999 pounds	542	100.0	43.6	41.6	14.8	-	-
60,000 to 89,999 pounds	307	100.0	92.0	7.9	.1	-	-
90,000 pounds and over	2,845	100.0	87.5	.1	-	12.4	-
1,000 miles and over	1,863	100.0	77.8	8.1	.6	13.4	.1
Under 1,000 pounds	17	100.0	1.5	86.5	5.2	.8	6.0
1,000 to 9,999 pounds	59	100.0	3.1	87.4	6.6	1.1	1.8
10,000 to 29,999 pounds	55	100.0	32.7	65.2	.2	1.4	.5
30,000 to 59,999 pounds	161	100.0	63.8	29.1	4.1	3.0	-
60,000 to 89,999 pounds	206	100.0	98.4	1.1	-	.5	-
90,000 pounds and over	1,365	100.0	82.2	-	-	17.8	-
TON-MILES	(millions of ton-miles)						
Total[1]	10,986	100.0	65.6	16.1	9.4	8.7	.2
Under 200 miles	1,996	100.0	35.6	27.0	27.6	9.5	.3
Under 1,000 pounds	13	100.0	.1	74.7	21.7	-	3.5
1,000 to 9,999 pounds	96	100.0	.1	51.4	47.0	.1	1.4
10,000 to 29,999 pounds	252	100.0	1.7	39.5	58.0	-	.8
30,000 to 59,999 pounds	693	100.0	2.9	49.3	47.4	-	.4
60,000 to 89,999 pounds	34	100.0	78.5	15.2	4.3	-	2.0
90,000 pounds and over	908	100.0	72.8	3.6	2.8	20.8	-
200 to 399 miles	1,838	100.0	64.1	22.0	13.7	.1	.1
Under 1,000 pounds	15	100.0	.1	84.1	11.6	.4	3.8
1,000 to 9,999 pounds	84	100.0	.4	56.3	41.0	-	2.3
10,000 to 29,999 pounds	109	100.0	2.7	58.5	38.4	-	.4
30,000 to 59,999 pounds	494	100.0	13.5	51.7	34.4	.4	-
60,000 to 89,999 pounds	93	100.0	90.0	10.0	-	-	-
90,000 pounds and over	1,043	100.0	98.2	1.5	.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 084--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	1,634	100.0	69.9	15.7	6.3	8.0	0.1
Under 1,000 pounds	10	100.0	.2	90.0	6.5	.4	2.9
1,000 to 9,999 pounds	63	100.0	2.2	64.9	31.9	-	1.0
10,000 to 29,999 pounds	106	100.0	4.7	63.8	29.6	.2	1.7
30,000 to 59,999 pounds	231	100.0	26.9	51.3	21.8	-	-
60,000 to 89,999 pounds	64	100.0	96.7	3.3	-	-	-
90,000 pounds and over	1,160	100.0	87.1	1.6	-	11.3	-
600 to 999 miles	3,151	100.0	75.3	10.9	3.5	10.3	-
Under 1,000 pounds	19	100.0	1.5	84.4	9.1	-	5.0
1,000 to 9,999 pounds	72	100.0	.9	77.6	20.8	-	.7
10,000 to 29,999 pounds	121	100.0	9.7	66.8	23.4	-	.1
30,000 to 59,999 pounds	426	100.0	44.8	39.6	15.6	-	-
60,000 to 89,999 pounds	246	100.0	91.6	8.3	.1	-	-
90,000 pounds and over	2,267	100.0	85.5	.1	-	14.4	-
1,000 miles and over	2,367	100.0	76.6	9.3	.7	13.3	.1
Under 1,000 pounds	25	100.0	2.2	84.1	6.2	1.3	6.2
1,000 to 9,999 pounds	100	100.0	3.6	84.8	7.0	2.2	2.4
10,000 to 29,999 pounds	80	100.0	34.0	63.1	.2	2.3	.4
30,000 to 59,999 pounds	231	100.0	66.1	26.2	3.3	4.4	-
60,000 to 89,999 pounds	297	100.0	98.1	1.1	-	.8	-
90,000 pounds and over	1,634	100.0	81.8	-	-	18.2	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 084--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	43,819	100.0	43.0	23.0	21.2	-	12.5	0.1	0.2
Middle Atlantic	2,419	100.0	9.6	34.8	52.5	0.1	1.4	-	1.6
East North Central	5,545	100.0	16.3	51.6	31.9	-	-	.1	.1
West North Central	3,373	100.0	65.3	18.0	16.7	-	-	-	-
South Atlantic	20,638	100.0	44.6	17.8	21.4	-	16.1	.1	-
East South Central	3,240	100.0	72.3	13.5	6.5	-	7.7	-	-
West South Central	6,530	100.0	48.7	12.6	10.0	-	28.7	-	-
Pacific[1]	1,224	100.0	30.0	43.2	26.1	-	.5	-	.2
Balance of United States[2]	850	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	11,859	100.0	63.2	15.6	9.4	-	11.7	-	.1
Middle Atlantic	610	100.0	39.9	37.0	21.0	.4	.6	-	1.1
East North Central	1,250	100.0	25.7	47.6	26.2	-	.2	.2	.1
West North Central	875	100.0	64.5	25.2	10.3	-	-	-	-
South Atlantic	5,535	100.0	75.3	5.8	6.6	-	12.3	-	-
East South Central	1,260	100.0	78.2	10.0	3.5	-	8.3	-	-
West South Central	1,788	100.0	50.3	10.7	6.3	-	32.7	-	-
Pacific[1]	301	100.0	49.5	34.0	11.7	.1	4.6	-	.1
Balance of United States[2]	240	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 084--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	43,819	43,819	621	2,549	6,711	5,545	17,828	3,480	5,090	498	1,497
Ton-miles.....millions..	11,859	11,859	156	572	2,298	2,568	2,400	1,379	1,354	293	839
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	43,819	100.0	1.4	5.8	15.3	12.7	40.8	7.9	11.6	1.1	3.4
Shipments from--											
Middle Atlantic.....	2,419	100.0	3.3	68.7	8.5	3.1	8.6	3.7	1.2	.3	2.6
East North Central.....	5,545	100.0	.7	7.2	73.0	4.8	5.6	4.1	2.9	.4	1.3
West North Central.....	3,373	100.0	-	.6	5.2	78.3	1.0	2.9	9.0	2.2	.8
South Atlantic.....	20,638	100.0	.4	1.4	7.4	4.2	76.8	7.3	2.2	.1	.2
East South Central.....	3,240	100.0	.4	3.2	17.7	9.2	23.7	23.6	20.4	.5	1.3
West South Central.....	6,530	100.0	-	.2	2.5	20.8	9.7	12.2	53.2	1.1	.3
Pacific[2].....	1,224	100.0	-	.1	.1	-	-	-	.1	6.5	93.2
Balance of U.S.[3].....	850	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	11,859	100.0	1.3	4.8	19.4	21.7	20.2	11.6	11.4	2.5	7.1
Shipments from--											
Middle Atlantic.....	610	100.0	2.5	18.7	15.3	12.1	8.9	10.3	6.1	2.2	23.9
East North Central.....	1,250	100.0	2.5	12.3	35.4	8.0	12.4	6.4	10.8	2.1	10.1
West North Central.....	875	100.0	.1	2.2	6.2	56.3	2.8	4.8	14.4	7.1	6.1
South Atlantic.....	5,535	100.0	1.2	2.8	23.7	18.2	28.5	16.6	6.7	.3	2.0
East South Central.....	1,260	100.0	1.2	7.6	21.2	13.6	20.7	9.3	19.5	1.2	5.7
West South Central.....	1,788	100.0	-	1.1	5.9	38.5	17.9	8.6	23.9	2.7	1.4
Pacific[2].....	301	100.0	.1	.6	1.0	.1	.3	-	.5	16.3	81.1
Balance of U.S.[3].....	240	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 084--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	43,819	100.0	43.0	23.0	21.2	-	12.5	0.1	0.2
East North Central, total	5,545	100.0	16.3	51.6	31.9	-	-	.1	.1
Shipments to--									
Middle Atlantic	402	100.0	10.4	67.5	21.7	-	.2	.2	-
East North Central	4,050	100.0	12.9	52.6	34.3	-	-	.1	.1
West North Central	264	100.0	33.2	37.9	28.8	-	-	.1	-
South Atlantic	311	100.0	33.7	46.3	19.9	-	-	.1	-
West North Central, total	3,373	100.0	65.3	18.0	16.7	-	-	-	-
Shipments to--									
West North Central	2,642	100.0	71.8	10.2	18.0	-	-	-	-
South Atlantic, total	20,638	100.0	44.6	17.8	21.4	-	16.1	.1	-
Shipments to--									
East North Central	1,520	100.0	84.3	2.4	.4	-	12.9	-	-
South Atlantic	15,855	100.0	32.7	22.1	27.4	-	17.6	.1	.1
West South Central, total	6,530	100.0	48.7	12.6	10.0	-	28.7	-	-
Shipments to--									
West South Central	3,475	100.0	34.1	19.7	16.7	-	29.5	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	11,859	100.0	63.2	15.6	9.4	-	11.7	-	.1
East North Central, total	1,250	100.0	25.7	47.6	26.2	-	.2	.2	.1
Shipments to--									
Middle Atlantic	154	100.0	10.8	67.0	21.8	-	.2	.2	-
East North Central	444	100.0	15.9	51.5	32.3	-	-	.1	.2
West North Central	100	100.0	31.5	39.8	28.5	-	-	.2	-
South Atlantic	154	100.0	27.7	55.7	16.5	-	-	.1	-
West North Central, total	875	100.0	64.5	25.2	10.3	-	-	-	-
Shipments to--									
West North Central	493	100.0	73.1	14.4	12.5	-	-	-	-
South Atlantic, total	5,535	100.0	75.3	5.8	6.6	-	12.3	-	-
Shipments to--									
East North Central	1,314	100.0	83.2	1.8	.2	-	14.8	-	-
South Atlantic	1,576	100.0	53.3	15.9	22.4	-	8.1	.2	.1
West South Central, total	1,788	100.0	50.3	10.7	6.3	-	32.7	-	-
Shipments to--									
West South Central	428	100.0	40.9	26.1	22.2	-	10.8	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 084--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	43,819	19,589	19,486	4,744	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	11,859	2,987	6,161	2,711
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	43.0	32.2	47.3	70.7	63.2	40.4	65.4	82.8
Motor carrier.....	23.0	32.0	16.1	14.0	15.6	34.9	9.5	8.3
Private truck.....	21.2	35.5	11.5	1.9	9.4	24.3	5.9	.7
Air.....	-	-	-	-	-	-	.1	-
Water.....	12.5	-	24.9	13.4	11.7	.1	19.0	8.2
Other.....	.1	.1	-	-	-	.2	-	-
Unknown.....	.2	.2	.2	-	.1	.1	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	42.3	51.4	38.8	19.7	7.9	17.4	6.1	1.6
100 to 199 miles.....	18.6	27.0	12.5	9.2	9.7	23.9	6.0	2.4
200 to 299 miles.....	10.4	10.0	10.6	11.2	9.3	15.5	8.3	4.7
300 to 399 miles.....	5.6	4.6	7.0	4.5	7.2	10.5	7.7	2.7
400 to 499 miles.....	5.3	2.2	8.4	4.8	8.5	6.3	11.7	3.7
500 to 999 miles.....	13.3	4.0	18.8	28.8	36.3	19.0	44.0	37.8
1,000 miles and over.....	4.5	.8	3.9	21.8	21.1	7.4	16.2	47.1

Table 8. SHIPPER CLASS 084--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Gum and Wood Chemicals, Agricultural Chemicals, and Miscellaneous Chemical Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	67.8	64.0	83.7	95.8
Highway facilities.....	89.3	92.8	74.1	63.2
Rail and highway facilities.....	59.1	59.3	57.8	63.2
Air facilities.....	76.4	77.2	73.6	61.2
Rail, highway, and air facilities.....	49.6	49.7	48.9	52.8
Water facilities.....	29.0	28.8	28.1	45.3
Rail, highway, air, and water facilities.	21.5	22.8	14.7	25.4

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.3 percent reported they did not have any of the above transportation facilities available.

Shipper Group 9

Petroleum and Coal Products

091 Products of petroleum refining

092 Paving and roofing materials and miscellaneous petroleum and coal products

SAMPLE SIZE

The sample for this shipper group consisted of 495 establishments, of which 366 were in scope and provided data from 44,632 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (129 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The two classes in Shipper Group 09 and their related SIC industries are as follows:

Shipper Class 091.--Products of petroleum refining
- SIC 2911.--Petroleum refining

Shipper Class 092.--Paving and roofing materials and miscellaneous petroleum and coal products
- SIC 2951.--Paving mixtures and blocks
- SIC 2952.--Asphalt felts and coatings
- SIC 2992.--Lubricating oils and greases
- SIC 2999.--Products of petroleum and coal, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
091--Products of petroleum refining	2911,2912	2911
092--Paving and roofing materials and miscellaneous petroleum coal products	2951,2952,2991	2951,2952,2992,2999

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 89 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 09	417,660	100.0	89.4	10.6
Class 091	404,721	100.0	90.6	9.4
Class 092	12,939	100.0	50.7	49.3

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Petroleum and Coal Products Shipper Group shipped (beyond the local area) about 417,660,000 tons of commodities during 1967. Those shipments generated about 289.4 billion ton-miles by all means of transport combined, averaging about 692 straight-line miles per ton shipped.

No attempt was made in this survey to measure the movement of the products of petroleum refining through pipelines.

As shown in table A, the Products of Petroleum Refining Shipper Class dominates this group, shipping about 97 percent of the total tons. The Paving and Roofing Materials Shipper Class accounts for the other 3 percent.

Water is the major means of transport, since pipeline data was not obtained. For the shipper group as a whole, water movements accounted for 78 percent, motor carriers hauled 11 percent, rails 6 percent, and private trucks 5 percent.

When measured in terms of ton-miles, rather than tons, the water share rose to 94 percent because of longer hauls by water than by any other means of transport. The rails' share dropped to 3 percent, motor carriers to 2 percent, and private trucks to 1 percent.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 1 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the Petroleum and Coal Products Shipper Group and each of the shipper classes for both years. An increase for the shipper group is indicated in the table, from 394.9 million tons in 1963 to 417.7 million tons in 1967. Shipper Class 091 (Products of Petroleum Refining) shows an increase in 1967 of about 31 million tons, and a decrease is shown for Shipper Class 092 (Paving and Roofing Materials).

As shown in table C, the relative distribution of tons by means of transport for the two years is stable for the shipper group and for Shipper Class 091 (Products of Petroleum Refining). Transport by water increased by about 4 percent in 1967 for the petroleum refining shipper class. Shifts in concentration by means of transport for Shipper Class 092 (Paving and Roofing Materials) are indicated, with motor carriers becoming dominant.

The length of haul for each means of transport in 1967 tends to be similar to that shown for 1963 for the shipper group, although minor changes appear for Shipper Class 092 (Paving and Roofing Materials). It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 09: Petroleum and coal products	417,660	24,357	45,444	20,336	327,523
Shipper Classes:					
091. Products of petroleum refining.....	404,721	21,373	39,719	16,184	327,445
092. Paving and roofing materials and miscellaneous petroleum and coal products	12,939	2,984	5,726	4,152	77
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 09: Petroleum and coal products	289,391	9,224	5,090	1,942	273,135
Shipper Classes:					
091. Products of petroleum refining.....	286,595	7,917	4,093	1,514	273,071
092. Paving and roofing materials and miscellaneous petroleum and coal products	2,796	1,306	998	427	65

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 09: Petroleum and coal products.....	417,660	394,895	398,066
Shipper Classes:			
091. Products of petroleum refining..	404,721	373,401	373,462
092. Paving and roofing materials and miscellaneous petroleum and coal products.....	12,939	21,494	24,604

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 09: Petroleum and coal products:					
1967	100.0	5.8	10.9	4.9	78.4
1963	100.0	8.0	10.2	7.9	73.9
Shipper Classes					
091. Products of petroleum refining:					
1967	100.0	5.3	9.8	4.0	80.9
1963	100.0	7.0	9.1	6.7	77.2
092. Paving and roofing materials and miscellaneous petroleum and coal products:					
1967	100.0	23.1	44.2	32.1	.6
1963	100.0	23.7	26.3	26.7	23.3
TON-MILES					
Shipper Group 09: Petroleum and coal products:					
1967	100.0	3.2	1.8	.7	94.3
1963	100.0	4.3	1.7	1.1	92.9
Shipper Classes					
091. Products of petroleum refining:					
1967	100.0	2.8	1.4	.5	95.3
1963	100.0	3.3	1.4	.9	94.4
092. Paving and roofing materials and miscellaneous petroleum and coal products:					
1967	100.0	46.7	35.7	15.3	2.3
1963	100.0	58.8	18.6	15.8	6.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 09: Petroleum and coal products:				
1967	692	379	112	95
1963	689	371	115	96
SHIPPER CLASSES				
091. Products of petroleum refining:				
1967	708	370	103	94
1963	721	340	111	97
092. Paving and roofing materials and miscellaneous petroleum and coal products:				
1967	216	438	174	103
1963	206	511	146	122

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 09: Petroleum and Coal Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	6.4	11.1	5.0	77.5
1963	100.0	17.2	18.2	10.1	54.5
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	8.5	29.4	14.4	47.7
1963	100.0	11.6	23.0	13.5	51.9
200 to 399 miles:					
1967	100.0	9.6	10.1	3.1	77.2
1963	100.0	36.8	18.3	7.8	37.1
400 miles and over:					
1967	100.0	4.3	1.1	.1	94.5
1963	100.0	25.4	3.9	1.0	69.7
WEIGHT					
Under 1,000 pounds:					
1967	100.0	.4	69.2	29.2	1.2
1963	100.0	1.9	68.7	28.3	1.1
1,000 to 9,999 pounds:					
1967	100.0	1.6	52.4	44.8	1.2
1963	100.0	.9	40.7	42.1	16.3
10,000 to 29,999 pounds:					
1967	100.0	3.1	55.1	40.9	.9
1963	100.0	3.6	47.8	41.3	7.3
30,000 to 59,999 pounds:					
1967	100.0	5.1	64.2	30.4	.3
1963	100.0	11.0	56.9	25.8	6.3
60,000 to 89,999 pounds:					
1967	100.0	57.9	30.3	11.5	.3
1963	100.0	70.8	7.1	10.1	12.0
90,000 pounds and over:					
1967	100.0	5.1	2.0	.5	92.4
1963	100.0	14.8	5.7	3.7	75.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 09: Petroleum and Coal Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	5.8	10.9	4.9	78.4
1963	100.0	8.0	10.2	7.9	73.9
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	33.3	36.3	30.2	.2
20 to 99 employees:					
1967	100.0	11.4	33.7	30.9	24.0
1963	100.0	21.3	32.3	43.3	3.1
100 to 499 employees:					
1967	100.0	10.0	23.5	9.4	57.1
1963	100.0	17.1	19.2	15.8	47.9
500 employees and over:					
1967	100.0	4.0	4.9	1.5	89.6
1963	100.0	4.3	5.9	3.2	86.6

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 09: Petroleum and Coal Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	5.8	10.9	4.9	78.4
1963	100.0	8.0	10.2	7.9	73.9
New England and Middle Atlantic:					
1967	100.0	4.5	13.6	4.2	77.7
1963	100.0	9.9	14.8	8.3	67.0
East North Central:					
1967	100.0	13.1	41.6	11.0	34.3
1963	100.0	15.5	26.8	12.1	45.6
West South Central:					
1967	100.0	4.3	3.9	1.9	89.9
1963	100.0	5.1	3.6	3.5	87.8
Pacific:					
1967	100.0	4.0	11.7	9.8	74.5
1963	100.0	3.6	14.9	18.0	63.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 09: PETROLEUM AND COAL PRODUCTS		
Total shipments	417,660	7.0
Shipments by--		
Rail	24,357	7.6
Motor carrier	45,444	6.8
Private truck	20,336	12.4
Water	327,179	4.2
All other	344	-
Shipments from--		
New England Division	1,773	61.8
Middle Atlantic Division	44,552	27.8
East North Central Division	37,167	11.8
West North Central Division	7,914	13.0
South Atlantic Division	5,075	48.8
West South Central Division	250,282	9.2
Mountain Division	7,716	25.0
Pacific Division	41,408	19.7
Balance of United States	21,773	-
SHIPPER CLASS 091: PRODUCTS OF PETROLEUM REFINING		
Total shipments	404,721	7.2
Shipments by--		
Rail	21,373	8.4
Motor carrier	39,719	7.4
Private truck	16,184	13.0
Water	327,146	8.2
All other	299	-
SHIPPER CLASS 091: PRODUCTS OF PETROLEUM REFINING--Continued		
Shipments from--		
Middle Atlantic Division	42,966	28.8
East North Central Division	33,182	12.8
West North Central Division	7,290	14.2
South Atlantic Division	4,000	61.8
West South Central Division	248,872	9.4
Mountain Division	7,337	26.8
Pacific Division	39,133	20.6
Balance of United States	21,941	-
SHIPPER CLASS 092: PAVING AND ROOFING MATERIALS AND MISCELLANEOUS PETROLEUM AND COAL PRODUCTS		
Total shipments	12,939	12.6
Shipments by--		
Rail	2,984	11.2
Motor carrier	5,726	13.0
Private truck	4,152	25.4
All other	77	-
Shipments from--		
Middle Atlantic Division	1,587	13.6
East North Central Division	3,985	17.6
West North Central Division	623	19.4
South Atlantic Division	1,075	35.4
East South Central Division	407	25.2
West South Central Division	1,411	18.2
Pacific Division	2,274	46.0
Balance of United States	1,577	-

TABLE 1. SHIPPER GROUP 09--Percent Distribution of Distance, by Means of Transport: 1967

Petroleum and Coal Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	417,660	100.0	5.8	10.9	4.9	-	78.3	-	0.1
Under 50 miles	69,480	100.0	2.5	28.6	12.0	-	56.9	-	-
50 to 99 miles	29,429	100.0	14.2	35.6	18.1	-	32.0	-	.1
100 to 199 miles	32,057	100.0	13.1	23.6	14.1	-	48.8	-	.4
200 to 299 miles	29,618	100.0	9.9	13.1	4.3	-	72.3	-	.4
300 to 399 miles	23,109	100.0	9.6	6.4	1.9	-	82.1	-	-
400 to 499 miles	7,734	100.0	26.6	10.7	2.0	-	60.6	0.1	-
500 to 599 miles	10,212	100.0	20.1	5.0	1.6	-	73.3	-	-
600 to 799 miles	36,140	100.0	6.1	1.1	.2	-	92.6	-	-
800 to 999 miles	40,327	100.0	3.2	.3	.1	-	96.4	-	-
1,000 to 1,199 miles	18,532	100.0	4.0	1.1	-	-	94.9	-	-
1,200 to 1,499 miles	86,026	100.0	.4	.1	-	-	99.5	-	-
1,500 to 1,999 miles	32,394	100.0	1.0	-	-	-	99.0	-	-
2,000 miles and over	2,602	100.0	4.4	.5	-	-	95.1	-	-
	(millions of ton-miles)								
TON-MILES									
Total	289,391	100.0	3.2	1.8	.7	-	94.3	-	-
Under 50 miles	1,613	100.0	2.3	31.1	14.6	-	52.0	-	-
50 to 99 miles	2,039	100.0	13.1	36.5	18.6	-	31.7	-	.1
100 to 199 miles	4,818	100.0	12.8	21.8	13.1	-	51.8	-	.5
200 to 299 miles	7,383	100.0	10.0	12.7	4.1	-	72.8	-	.4
300 to 399 miles	7,895	100.0	9.9	6.6	2.0	-	81.5	-	-
400 to 499 miles	3,468	100.0	26.7	10.3	2.0	-	60.9	.1	-
500 to 599 miles	5,814	100.0	19.6	4.8	1.5	-	74.1	-	-
600 to 799 miles	25,381	100.0	5.9	1.0	.2	-	92.9	-	-
800 to 999 miles	36,272	100.0	3.1	.3	.1	-	96.5	-	-
1,000 to 1,199 miles	20,638	100.0	4.0	1.1	-	-	94.9	-	-
1,200 to 1,499 miles	116,997	100.0	.4	.1	-	-	99.5	-	-
1,500 to 1,999 miles	50,680	100.0	1.0	-	-	-	99.0	-	-
2,000 miles and over	6,393	100.0	4.0	.5	-	-	95.5	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 09--Percent Distribution of Weight, by Means of Transport: 1967

Petroleum and Coal Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	341,155	100.0	6.4	11.1	5.0	77.4	0.1
Under 1,000 pounds	112	100.0	.4	69.2	29.2	.2	1.0
Under 50 pounds	2	100.0	.9	37.4	41.3	.1	20.3
50 to 99 pounds	3	100.0	.3	56.1	38.6	-	5.0
100 to 199 pounds	7	100.0	.3	54.9	42.8	-	2.0
200 to 499 pounds	40	100.0	.2	72.2	26.7	.1	.8
500 to 999 pounds	60	100.0	.5	70.0	28.6	.3	.6
1,000 to 9,999 pounds	775	100.0	1.6	52.4	44.8	.9	.3
1,000 to 1,999 pounds	96	100.0	.7	59.5	38.5	.5	.8
2,000 to 2,999 pounds	86	100.0	1.2	63.2	34.6	.4	.6
3,000 to 3,999 pounds	72	100.0	3.1	59.9	36.2	-	.8
4,000 to 4,999 pounds	86	100.0	1.1	57.0	41.2	.4	.3
5,000 to 9,999 pounds	435	100.0	1.7	46.5	50.4	1.3	.1
10,000 to 29,999 pounds	3,687	100.0	3.1	55.1	40.9	.3	.6
10,000 to 19,999 pounds	1,387	100.0	2.4	52.1	43.8	.4	1.3
20,000 to 29,999 pounds	2,300	100.0	3.5	56.9	39.1	.3	.2
30,000 to 59,999 pounds	42,089	100.0	5.1	64.2	30.4	.2	.1
30,000 to 39,999 pounds	7,669	100.0	4.2	59.9	35.4	.3	.2
40,000 to 49,999 pounds	19,927	100.0	3.2	67.2	29.3	.2	.1
50,000 to 59,999 pounds	14,493	100.0	8.2	62.3	29.3	.2	-
60,000 to 89,999 pounds	8,640	100.0	57.9	30.3	11.5	-	.3
60,000 to 69,999 pounds	4,226	100.0	42.4	42.7	14.5	-	.4
70,000 to 79,999 pounds	2,716	100.0	72.1	20.2	7.6	-	.1
80,000 to 89,999 pounds	1,698	100.0	74.0	15.5	10.3	.2	-
90,000 pounds and over	285,852	100.0	5.1	2.0	.5	92.3	.1
TON-MILES	(millions of ton-miles)						
Total	221,067	100.0	3.7	2.1	.7	93.5	-
Under 1,000 pounds	33	100.0	.9	83.5	13.6	.3	1.7
Under 50 pounds	-	-	-	-	-	-	-
50 to 99 pounds	1	100.0	.5	61.1	28.1	-	10.3
100 to 199 pounds	3	100.0	.1	67.5	29.8	-	2.6
200 to 499 pounds	13	100.0	.6	86.7	11.9	-	.8
500 to 999 pounds	16	100.0	1.4	86.0	11.1	.5	1.0
1,000 to 9,999 pounds	153	100.0	4.6	68.7	23.9	2.0	.8
1,000 to 1,999 pounds	23	100.0	1.1	73.2	20.6	2.1	3.0
2,000 to 2,999 pounds	21	100.0	3.3	77.7	17.3	.9	.8
3,000 to 3,999 pounds	16	100.0	11.7	70.7	17.1	-	.5
4,000 to 4,999 pounds	15	100.0	2.8	71.0	24.6	1.5	.1
5,000 to 9,999 pounds	78	100.0	5.0	63.9	28.0	2.8	.3
10,000 to 29,999 pounds	504	100.0	13.2	53.1	32.9	.6	.2
10,000 to 19,999 pounds	192	100.0	9.4	49.9	39.7	.6	.4
20,000 to 29,999 pounds	312	100.0	15.6	54.8	28.8	.7	.1
30,000 to 59,999 pounds	5,444	100.0	19.0	56.7	22.2	1.9	.2
30,000 to 39,999 pounds	1,183	100.0	14.5	58.7	25.0	1.5	.3
40,000 to 49,999 pounds	2,363	100.0	16.2	57.5	23.4	2.8	.1
50,000 to 59,999 pounds	1,898	100.0	25.4	54.6	18.9	1.1	-
60,000 to 89,999 pounds	2,535	100.0	79.9	16.1	3.5	.3	.2
60,000 to 69,999 pounds	1,083	100.0	73.1	22.5	4.0	-	.4
70,000 to 79,999 pounds	786	100.0	85.9	11.5	2.6	-	-
80,000 to 89,999 pounds	666	100.0	84.2	11.1	3.6	1.1	-
90,000 pounds and over	212,398	100.0	2.4	.3	-	97.3	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GPOUP 09--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Petroleum and Coal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	341,155	100.0	6.4	11.1	5.0	77.4	0.1
Under 200 miles	105,529	100.0	8.5	29.4	14.4	47.5	.2
Under 1,000 pounds	63	100.0	.1	57.4	41.2	.3	1.0
1,000 to 9,999 pounds	546	100.0	.6	44.3	53.9	.9	.3
10,000 to 29,999 pounds	2,880	100.0	.6	54.6	43.8	.2	.8
30,000 to 59,999 pounds	34,799	100.0	2.3	64.2	33.3	.1	.1
60,000 to 89,999 pounds	4,482	100.0	38.4	41.4	19.9	-	.3
90,000 pounds and over	62,759	100.0	10.3	7.8	1.9	79.8	.2
200 to 399 miles	48,729	100.0	9.6	10.1	3.1	76.9	.3
Under 1,000 pounds	23	100.0	.4	82.0	17.2	-	.4
1,000 to 9,999 pounds	127	100.0	3.9	65.8	29.9	.1	.3
10,000 to 29,999 pounds	493	100.0	3.8	64.2	30.9	1.1	-
30,000 to 59,999 pounds	5,257	100.0	7.3	72.0	20.4	.2	.1
60,000 to 89,999 pounds	1,925	100.0	68.6	26.2	4.8	-	.4
90,000 pounds and over	40,904	100.0	7.2	.6	.3	91.6	.3
400 to 599 miles	16,717	100.0	20.9	7.6	1.1	70.4	-
Under 1,000 pounds	11	100.0	.1	81.7	16.5	-	1.7
1,000 to 9,999 pounds	44	100.0	.6	78.6	20.5	.2	.1
10,000 to 29,999 pounds	187	100.0	13.3	51.5	35.2	-	-
30,000 to 59,999 pounds	959	100.0	29.9	59.8	9.7	-	.6
60,000 to 89,999 pounds	805	100.0	84.0	16.0	-	-	-
90,000 pounds and over	14,711	100.0	17.1	2.9	.1	79.9	-
600 to 999 miles	74,489	100.0	4.2	.7	.1	95.0	-
Under 1,000 pounds	10	100.0	1.7	88.1	9.3	-	.9
1,000 to 9,999 pounds	41	100.0	3.9	80.2	12.2	3.3	.4
10,000 to 29,999 pounds	104	100.0	41.0	35.8	23.2	-	-
30,000 to 59,999 pounds	678	100.0	57.6	35.5	6.6	.1	.2
60,000 to 89,999 pounds	1,178	100.0	88.8	10.5	.7	-	-
90,000 pounds and over	72,478	100.0	2.3	.1	-	97.6	-
1,000 miles and over	95,691	100.0	1.5	.3	-	98.2	-
Under 1,000 pounds	5	100.0	1.6	91.7	2.1	.6	4.0
1,000 to 9,999 pounds	18	100.0	14.1	76.4	2.9	3.6	3.0
10,000 to 29,999 pounds	22	100.0	51.2	38.2	6.2	4.4	-
30,000 to 59,999 pounds	397	100.0	73.6	13.9	.2	12.3	-
60,000 to 89,999 pounds	249	100.0	97.1	1.7	-	1.2	-
90,000 pounds and over	95,000	100.0	.9	.2	-	98.9	-
TON-MILES	(millions of ton-miles)						
Total[1]	221,067	100.0	3.7	2.1	.7	93.5	-
Under 200 miles	7,154	100.0	11.5	27.6	14.5	46.1	.3
Under 1,000 pounds	5	100.0	.2	68.3	30.7	.1	.7
1,000 to 9,999 pounds	37	100.0	.8	51.1	47.2	.6	.3
10,000 to 29,999 pounds	172	100.0	1.0	55.7	42.6	.1	.6
30,000 to 59,999 pounds	2,451	100.0	2.9	62.9	34.0	.1	.1
60,000 to 89,999 pounds	348	100.0	47.9	35.2	16.7	-	.2
90,000 pounds and over	4,141	100.0	14.0	4.7	1.3	79.5	.5
200 to 399 miles	14,110	100.0	9.8	9.5	2.9	77.6	.2
Under 1,000 pounds	6	100.0	.5	81.5	17.6	-	.4
1,000 to 9,999 pounds	36	100.0	4.1	65.4	30.1	.1	.3
10,000 to 29,999 pounds	137	100.0	3.7	63.5	31.7	1.1	-
30,000 to 59,999 pounds	1,426	100.0	7.7	71.6	20.4	.2	.1
60,000 to 89,999 pounds	545	100.0	70.7	24.3	4.4	-	.6
90,000 pounds and over	11,960	100.0	7.4	.6	.3	91.4	.3

See footnote at end of table.

TABLE 3. SHIPPER GROUP 09--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Petroleum and Coal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 499 miles	8,626	100.0	20.0	7.1	1.0	71.9	-
Under 1,000 pounds	5	100.0	-	82.5	15.9	-	1.6
1,000 to 9,999 pounds	22	100.0	.6	79.5	19.6	-	.3
10,000 to 29,999 pounds	90	100.0	14.4	52.0	33.6	-	-
30,000 to 59,999 pounds	463	100.0	30.5	59.3	9.6	-	.6
60,000 to 89,999 pounds	390	100.0	83.9	16.1	-	-	-
90,000 pounds and over	7,656	100.0	16.3	2.7	.1	80.9	-
600 to 999 miles	59,859	100.0	3.9	.6	.1	95.4	-
Under 1,000 pounds	7	100.0	2.0	87.0	10.1	-	.9
1,000 to 9,999 pounds	31	100.0	4.1	79.1	12.1	4.3	.4
10,000 to 29,999 pounds	76	100.0	41.8	35.0	23.2	-	-
30,000 to 59,999 pounds	508	100.0	58.2	34.5	7.0	.1	.2
60,000 to 89,999 pounds	879	100.0	89.9	9.4	.7	-	-
90,000 pounds and over	58,358	100.0	2.1	.1	-	97.8	-
1,000 miles and over	131,318	100.0	1.5	.2	-	98.3	-
Under 1,000 pounds	8	100.0	1.4	92.1	1.7	1.0	3.8
1,000 to 9,999 pounds	28	100.0	13.7	76.0	2.3	5.3	2.7
10,000 to 29,999 pounds	30	100.0	51.9	37.4	5.2	5.5	-
30,000 to 59,999 pounds	597	100.0	70.1	12.9	.2	16.8	-
60,000 to 89,999 pounds	373	100.0	96.2	1.8	-	2.0	-
90,000 pounds and over	130,282	100.0	.9	.1	-	99.0	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 09--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Petroleum and Coal Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	417,660	100.0	5.8	10.9	4.9	-	78.3	-	0.1
New England	1,773	100.0	.8	54.1	39.3	-	5.8	-	-
Middle Atlantic	44,552	100.0	4.6	12.0	2.8	-	80.6	-	-
East North Central	37,167	100.0	13.1	41.6	11.0	-	33.5	0.1	.7
West North Central	7,914	100.0	19.6	45.2	18.5	-	16.7	-	-
South Atlantic	5,075	100.0	13.5	11.7	19.3	-	55.5	-	-
East South Central[1]	21,773	-	-	-	-	-	-	-	-
West South Central	250,282	100.0	4.3	3.9	1.9	-	89.9	-	-
Mountain	7,716	100.0	21.2	53.5	25.2	-	-	-	.1
Pacific[2]	41,408	100.0	4.0	11.7	9.8	-	74.5	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	289,391	100.0	3.2	1.8	.7	-	94.3	-	-
New England	127	100.0	4.1	48.8	30.2	-	16.9	-	-
Middle Atlantic	16,037	100.0	4.2	4.4	.7	-	90.7	-	-
East North Central	4,948	100.0	25.2	19.2	5.5	-	49.0	-	1.1
West North Central	1,288	100.0	51.1	32.2	13.1	-	3.5	-	.1
South Atlantic	1,255	100.0	15.6	9.1	5.5	-	69.8	-	-
East South Central[1]	8,832	-	-	-	-	-	-	-	-
West South Central	237,949	100.0	1.9	.7	.3	-	97.1	-	-
Mountain	1,497	100.0	46.6	36.3	17.1	-	-	-	-
Pacific[2]	17,458	100.0	4.1	3.7	1.9	-	90.3	-	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 09--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Petroleum and Coal Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	417,660	417,660	55,651	99,520	46,646	14,573	65,845	27,479	50,801	10,454	46,691
Ton-miles.....millions..	289,391	289,391	75,725	93,270	12,272	3,968	47,955	8,155	19,252	2,241	26,553
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	417,660	100.0	13.3	23.7	11.2	3.5	15.8	6.6	12.2	2.5	11.2
Shipments from--											
New England.....	1,773	100.0	94.7	4.7	.5	-	.1	-	-	-	-
Middle Atlantic.....	44,552	100.0	5.0	54.6	12.5	.1	4.7	.2	22.7	-	.2
East North Central.....	37,167	100.0	.1	2.0	73.1	8.6	2.8	11.8	1.4	.1	.1
West North Central.....	7,914	100.0	.2	.5	7.5	81.6	.6	.5	3.8	4.2	1.1
South Atlantic.....	5,075	100.0	47.9	9.2	5.0	.1	35.0	2.2	.6	-	-
East South Central[2].....	21,773	-	-	-	-	-	-	-	-	-	-
West South Central.....	250,282	100.0	19.7	28.0	3.5	1.6	21.9	6.8	15.1	1.0	2.4
Mountain.....	7,716	100.0	-	-	1.1	8.8	-	-	2.3	81.8	6.0
Pacific[3].....	41,408	100.0	-	-	.2	-	-	-	.1	2.8	96.9
TON-MILES	(millions)										
U.S. total.....	289,391	100.0	26.2	32.1	4.2	1.4	16.6	2.8	6.7	.8	9.2
Shipments from--											
New England.....	127	100.0	79.8	14.4	4.3	.2	.3	.3	.1	-	.6
Middle Atlantic.....	16,037	100.0	1.7	6.8	9.4	.3	1.8	.2	78.6	.1	1.1
East North Central.....	4,948	100.0	.4	6.0	41.0	15.0	5.9	21.8	7.4	.7	1.8
West North Central.....	1,288	100.0	1.3	3.0	12.4	52.9	3.3	1.5	8.3	7.7	9.6
South Atlantic.....	1,255	100.0	65.3	5.4	4.6	.4	18.7	3.0	2.6	-	-
East South Central[2].....	8,832	-	-	-	-	-	-	-	-	-	-
West South Central.....	237,949	100.0	31.3	37.2	2.7	.9	18.7	2.6	2.4	.3	3.9
Mountain.....	1,497	100.0	.4	-	5.1	16.4	-	-	2.3	56.5	19.3
Pacific[3].....	17,458	100.0	.2	.2	.9	-	-	-	.4	3.3	95.0

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 09--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Petroleum and Coal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	417,660	100.0	5.8	10.9	4.9	-	78.3	-	0.1
Middle Atlantic, total	44,552	100.0	4.6	12.0	2.8	-	80.6	-	-
Shipments to--									
New England	2,245	100.0	6.6	10.1	3.9	-	79.4	-	-
Middle Atlantic	24,310	100.0	4.7	16.7	4.2	-	74.4	-	-
East North Central	5,579	100.0	7.7	8.3	.5	-	83.4	0.1	-
South Atlantic	2,084	100.0	6.7	24.5	4.1	-	64.7	-	-
East North Central, total	37,167	100.0	13.1	41.6	11.0	-	33.5	.1	.7
Shipments to--									
Middle Atlantic	733	100.0	49.9	16.5	4.2	-	22.6	-	6.8
East North Central	27,196	100.0	10.7	53.1	13.5	-	22.2	.1	.4
West North Central	3,194	100.0	9.7	23.8	7.0	-	59.4	.1	-
South Atlantic	1,056	100.0	83.2	4.6	2.1	-	-	-	10.1
East South Central	4,370	100.0	4.5	1.7	2.9	-	90.9	-	-
West South Central, total	250,282	100.0	4.3	3.9	1.9	-	89.9	-	-
Shipments to--									
Middle Atlantic	70,022	100.0	.4	-	-	-	99.6	-	-
East North Central	8,663	100.0	21.1	1.4	.3	-	77.2	-	-
West North Central	4,053	100.0	24.9	9.7	4.0	-	61.3	-	.1
South Atlantic	54,782	100.0	.8	.1	-	-	99.1	-	-
East South Central	17,072	100.0	4.5	2.0	.5	-	93.0	-	-
West South Central	37,911	100.0	15.7	17.0	11.7	-	55.6	-	-
Pacific, total	41,408	100.0	4.0	11.7	9.8	-	74.5	-	-
Shipments to--									
Mountain	1,172	100.0	48.6	41.0	10.4	-	-	-	-
Pacific	40,084	100.0	2.4	10.9	9.8	-	76.9	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	289,391	100.0	3.2	1.8	.7	-	94.3	-	-
Middle Atlantic, total	16,037	100.0	4.2	4.4	.7	-	90.7	-	-
Shipments to--									
New England	273	100.0	19.6	16.8	5.8	-	57.8	-	-
Middle Atlantic	1,098	100.0	14.9	23.2	5.7	-	56.2	-	-
East North Central	1,514	100.0	11.1	12.6	.6	-	75.5	.2	-
South Atlantic	282	100.0	19.7	44.3	4.3	-	31.7	-	-
East North Central, total	4,948	100.0	25.2	19.2	5.5	-	49.0	-	1.1
Shipments to--									
Middle Atlantic	296	100.0	62.8	14.7	3.0	-	15.2	-	4.3
East North Central	2,030	100.0	20.6	36.8	11.5	-	29.9	.1	1.1
West North Central	743	100.0	14.2	13.8	1.1	-	70.8	.1	-
South Atlantic	291	100.0	83.9	6.8	2.5	-	-	-	6.8
East South Central	1,079	100.0	6.9	1.7	1.0	-	90.4	-	-
West South Central, total	237,949	100.0	1.9	.7	.3	-	97.1	-	-
Shipments to--									
Middle Atlantic	88,310	100.0	.4	-	-	-	99.6	-	-
East North Central	6,485	100.0	21.7	1.3	.3	-	76.7	-	-
West North Central	2,215	100.0	21.5	4.8	1.7	-	72.0	-	-
South Atlantic	44,579	100.0	.7	.1	-	-	99.2	-	-
East South Central	6,181	100.0	6.4	2.4	.3	-	90.9	-	-
West South Central	5,750	100.0	17.4	11.2	9.1	-	62.3	-	-
Pacific, total	17,458	100.0	4.1	3.7	1.9	-	90.3	-	-
Shipments to--									
Mountain	575	100.0	40.9	52.0	7.1	-	-	-	-
Pacific	16,589	100.0	1.2	2.1	1.7	-	95.0	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 09--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Petroleum and Coal Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	417,660	21,070	101,851	294,739	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	289,391	4,470	46,696	238,225
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	5.8	11.4	10.0	4.0	3.2	25.1	8.2	1.8
Motor carrier.....	10.9	33.7	23.5	4.9	1.8	19.0	5.6	.7
Private truck.....	4.9	30.9	9.4	1.5	.7	13.6	2.1	.1
Air.....	-	-	-	-	-	-	-	-
Water.....	78.3	23.8	56.8	89.6	94.3	42.2	84.0	97.4
Other.....	-	.2	-	-	-	.1	-	-
Unknown.....	.1	-	.3	-	-	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	23.7	47.3	31.2	19.4	1.3	10.4	3.0	.7
100 to 199 miles.....	7.7	19.9	14.4	4.5	1.7	13.2	4.7	.9
200 to 299 miles.....	7.1	12.4	12.5	4.8	2.6	13.4	6.8	1.5
300 to 399 miles.....	5.5	3.6	5.4	5.7	2.7	5.6	4.1	2.4
400 to 499 miles.....	1.9	4.2	3.2	1.2	1.2	8.3	3.2	.7
500 to 999 miles.....	20.8	8.5	16.6	23.1	23.3	26.5	25.4	22.8
1,000 miles and over.....	33.3	4.1	16.7	41.3	67.2	22.6	52.8	71.0

Table 8. SHIPPER GROUP 09--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Petroleum and Coal Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	84.0	73.7	96.2	98.3
Highway facilities.....	86.7	87.2	85.5	88.1
Rail and highway facilities.....	73.2	65.4	81.7	86.5
Air facilities.....	80.4	84.5	73.5	81.4
Rail, highway, and air facilities.....	61.6	58.6	62.0	76.3
Water facilities.....	41.5	37.2	38.2	74.6
Rail, highway, air, and water facilities.	30.3	27.5	24.8	62.7

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 091--Percent Distribution of Distance, by Means of Transport: 1967

Products of Petroleum Refining

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	404,721	100.0	5.3	9.8	4.0	-	80.8	-	0.1
Under 50 miles	65,926	100.0	2.5	28.1	9.6	-	59.8	-	-
50 to 99 miles	27,345	100.0	14.7	33.8	16.9	-	34.5	-	.1
100 to 199 miles	29,424	100.0	12.3	21.3	12.8	-	53.2	-	.4
200 to 299 miles	27,732	100.0	8.3	10.7	3.4	-	77.2	-	.4
300 to 399 miles	22,282	100.0	8.5	5.1	1.3	-	85.1	-	-
400 to 499 miles	7,264	100.0	25.7	9.0	.8	-	64.5	-	-
500 to 599 miles	9,791	100.0	18.8	3.3	1.5	-	76.4	-	-
600 to 799 miles	35,523	100.0	4.8	.8	.1	-	94.3	-	-
800 to 999 miles	40,072	100.0	2.7	.2	-	-	97.1	-	-
1,000 to 1,199 miles	18,476	100.0	3.8	1.0	-	-	95.2	-	-
1,200 to 1,499 miles	85,992	100.0	.4	-	-	-	99.6	-	-
1,500 miles and over	34,894	100.0	1.0	-	-	-	99.0	-	-
TON-MILES	(millions of ton-miles)								
Total	286,595	100.0	2.8	1.4	.5	-	95.3	-	-
Under 50 miles	1,526	100.0	2.3	30.7	12.1	-	54.9	-	-
50 to 99 miles	1,886	100.0	13.5	34.6	17.5	-	34.3	-	.1
100 to 199 miles	4,429	100.0	11.9	19.4	11.9	-	56.3	-	.5
200 to 299 miles	6,921	100.0	8.4	10.3	3.3	-	77.5	-	.5
300 to 399 miles	7,614	100.0	8.8	5.3	1.3	-	84.6	-	-
400 to 499 miles	3,259	100.0	25.8	8.7	.8	-	64.7	-	-
500 to 599 miles	5,579	100.0	18.3	3.2	1.3	-	77.2	-	-
600 to 799 miles	24,946	100.0	4.5	.8	.1	-	94.6	-	-
800 to 999 miles	36,047	100.0	2.6	.2	-	-	97.2	-	-
1,000 to 1,199 miles	20,576	100.0	3.8	1.0	-	-	95.2	-	-
1,200 to 1,499 miles	116,950	100.0	.4	-	-	-	99.6	-	-
1,500 miles and over	56,862	100.0	1.2	-	-	-	98.8	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 091--Percent Distribution of Weight, by Means of Transport: 1967

Products of Petroleum Refining

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total	329,223	100.0	5.7	9.9	4.0	80.3	0.1
Under 1,000 pounds	11	100.0	1.2	78.5	17.0	1.7	1.6
Under 200 pounds	1	100.0	4.0	81.3	11.9	-	2.8
200 to 499 pounds	4	100.0	-	78.5	18.9	.8	1.8
500 to 999 pounds	6	100.0	1.7	78.9	16.6	2.6	.2
1,000 to 9,999 pounds	293	100.0	1.5	49.9	46.5	2.1	-
1,000 to 1,999 pounds	15	100.0	1.1	76.1	19.7	3.1	-
2,000 to 2,999 pounds	18	100.0	1.7	75.2	20.6	1.8	.7
3,000 to 3,999 pounds	18	100.0	3.0	61.8	35.2	-	-
4,000 to 4,999 pounds	26	100.0	1.0	65.6	33.4	-	-
5,000 to 9,999 pounds	216	100.0	1.5	43.1	53.0	2.4	-
10,000 to 29,999 pounds	2,359	100.0	3.1	60.9	35.6	.4	-
10,000 to 19,999 pounds	825	100.0	3.0	59.8	36.6	.6	-
20,000 to 29,999 pounds	1,534	100.0	3.2	61.4	35.1	.3	-
30,000 to 59,999 pounds	36,141	100.0	5.1	65.6	29.0	.2	.1
30,000 to 39,999 pounds	5,508	100.0	4.4	55.5	39.7	.3	.1
40,000 to 49,999 pounds	17,314	100.0	2.8	69.5	27.5	.1	.1
50,000 to 59,999 pounds	13,319	100.0	8.3	64.8	26.7	.2	-
60,000 to 89,999 pounds	7,273	100.0	55.8	31.0	12.9	-	.3
60,000 to 69,999 pounds	3,913	100.0	41.7	42.4	15.4	-	.5
70,000 to 79,999 pounds	2,312	100.0	75.5	17.2	7.1	-	.2
80,000 to 89,999 pounds	1,048	100.0	64.7	18.9	16.4	-	-
90,000 pounds and over	283,146	100.0	4.6	1.8	.3	93.2	.1
TON-MILES	(millions of ton-miles)						
Total	218,430	100.0	3.2	1.7	.6	94.5	-
Under 1,000 pounds	3	100.0	3.4	86.4	4.9	.1	5.2
Under 200 pounds	-	-	-	-	-	-	-
200 to 499 pounds	1	100.0	-	91.9	4.3	-	3.8
500 to 999 pounds	2	100.0	6.4	86.6	6.0	.2	.8
1,000 to 9,999 pounds	44	100.0	4.3	67.0	24.2	4.3	.2
1,000 to 1,999 pounds	3	100.0	.1	81.8	7.3	10.8	-
2,000 to 2,999 pounds	4	100.0	1.6	81.8	12.8	.6	3.2
3,000 to 3,999 pounds	4	100.0	3.7	85.1	11.2	-	-
4,000 to 4,999 pounds	4	100.0	2.3	79.6	18.1	-	-
5,000 to 9,999 pounds	29	100.0	5.5	58.9	30.2	5.4	-
10,000 to 29,999 pounds	281	100.0	14.7	55.2	29.6	.5	-
10,000 to 19,999 pounds	94	100.0	14.3	54.1	30.8	.8	-
20,000 to 29,999 pounds	187	100.0	14.9	55.8	29.0	.3	-
30,000 to 59,999 pounds	4,363	100.0	19.2	57.2	22.1	1.4	.1
30,000 to 39,999 pounds	750	100.0	15.9	54.7	27.9	1.4	.1
40,000 to 49,999 pounds	1,884	100.0	15.4	59.7	23.0	1.8	.1
50,000 to 59,999 pounds	1,729	100.0	24.8	55.5	18.7	.9	.1
60,000 to 89,999 pounds	2,069	100.0	79.0	16.8	4.0	-	.2
60,000 to 69,999 pounds	988	100.0	72.8	22.5	4.3	-	.4
70,000 to 79,999 pounds	650	100.0	86.9	10.5	2.5	.1	-
80,000 to 89,999 pounds	431	100.0	81.1	13.4	5.5	-	-
90,000 pounds and over	211,670	100.0	2.1	.3	-	97.6	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 091--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Products of Petroleum Refining

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total[1]	329,223	100.0	5.7	9.9	4.0	80.3	0.1
Under 200 miles	98,042	100.0	8.4	27.9	12.4	51.1	.2
Under 1,000 pounds	7	100.0	.3	71.1	25.4	2.7	.5
1,000 to 9,999 pounds	240	100.0	.7	44.5	53.0	1.8	-
10,000 to 29,999 pounds	1,971	100.0	.8	61.2	37.7	.3	-
30,000 to 59,999 pounds	30,675	100.0	2.5	65.8	31.5	.1	.1
60,000 to 89,999 pounds	3,936	100.0	37.9	40.4	21.4	-	.3
90,000 pounds and over	61,213	100.0	9.7	7.0	1.2	81.9	.2
200 to 399 miles	46,182	100.0	8.1	8.2	2.3	81.1	.3
Under 1,000 pounds	2	100.0	1.4	95.5	2.9	-	.2
1,000 to 9,999 pounds	29	100.0	6.6	66.1	26.6	.5	.2
10,000 to 29,999 pounds	239	100.0	5.1	64.0	29.0	1.9	-
30,000 to 59,999 pounds	4,025	100.0	6.9	73.9	19.0	.2	-
60,000 to 89,999 pounds	1,541	100.0	63.6	30.2	5.7	-	.5
90,000 pounds and over	40,346	100.0	6.1	.4	.3	92.9	.3
400 to 599 miles	15,865	100.0	19.6	5.8	.4	74.2	-
Under 1,000 pounds	1	100.0	-	99.7	-	-	.3
1,000 to 9,999 pounds	6	100.0	-	92.9	7.1	-	-
10,000 to 29,999 pounds	77	100.0	20.2	64.6	15.2	-	-
30,000 to 59,999 pounds	628	100.0	36.8	56.3	6.9	-	-
60,000 to 89,999 pounds	649	100.0	86.6	13.4	-	-	-
90,000 pounds and over	14,504	100.0	15.9	3.0	.1	81.0	-
600 to 999 miles	73,628	100.0	3.3	.5	.1	96.1	-
Under 1,000 pounds	1	100.0	9.9	85.3	.5	-	4.3
1,000 to 9,999 pounds	11	100.0	2.4	81.2	4.4	12.0	-
10,000 to 29,999 pounds	59	100.0	35.3	39.6	25.1	-	-
30,000 to 59,999 pounds	507	100.0	60.6	33.5	5.6	.1	.2
60,000 to 89,999 pounds	912	100.0	86.4	12.7	.9	-	-
90,000 pounds and over	72,138	100.0	1.8	.1	-	98.1	-
1,000 miles and over	95,506	100.0	1.4	.2	-	98.4	-
Under 1,000 pounds	1	100.0	.3	83.0	1.6	-	15.1
1,000 to 9,999 pounds	6	100.0	7.9	82.1	5.3	3.6	1.1
10,000 to 29,999 pounds	13	100.0	68.1	25.8	6.1	-	-
30,000 to 59,999 pounds	306	100.0	79.0	10.2	.3	10.5	-
60,000 to 89,999 pounds	233	100.0	99.0	1.0	-	-	-
90,000 pounds and over	94,947	100.0	.9	.2	-	98.9	-
TON-MILES	(millions of ton-miles)						
Total[1]	218,430	100.0	3.2	1.7	.6	94.5	-
Under 200 miles	6,603	100.0	11.0	25.6	13.2	49.8	.4
Under 1,000 pounds	1	100.0	.4	75.2	23.5	.6	.3
1,000 to 9,999 pounds	14	100.0	.9	42.3	55.3	1.5	-
10,000 to 29,999 pounds	115	100.0	1.4	58.9	39.6	1.1	-
30,000 to 59,999 pounds	2,150	100.0	3.2	63.3	33.3	.1	.1
60,000 to 89,999 pounds	295	100.0	46.1	35.3	18.3	-	.3
90,000 pounds and over	4,028	100.0	12.9	3.8	1.2	81.6	.5
200 to 399 miles	13,409	100.0	8.4	7.6	2.1	81.6	.3
Under 1,000 pounds	-	-	-	-	-	-	-
1,000 to 9,999 pounds	8	100.0	6.6	67.7	25.1	.4	.2
10,000 to 29,999 pounds	67	100.0	4.7	63.5	30.1	1.7	-
30,000 to 59,999 pounds	1,094	100.0	7.3	73.7	18.8	.2	-
60,000 to 89,999 pounds	437	100.0	66.6	27.6	5.1	-	.7
90,000 pounds and over	11,803	100.0	6.3	.4	.3	92.7	.3

See footnote at end of table.

TABLE 3. SHIPPER CLASS 091--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Products of Petroleum Refining

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(millions of ton-miles)						
TON-MILES--Continued							
400 to 599 miles	8,203	100.0	18.7	5.3	0.4	75.6	-
Under 1,000 pounds	-	-	-	-	-	-	-
1,000 to 9,999 pounds	3	100.0	-	93.7	6.3	-	-
10,000 to 29,999 pounds	38	100.0	22.1	62.7	15.2	-	-
30,000 to 59,999 pounds	297	100.0	38.5	54.4	7.1	-	-
60,000 to 89,999 pounds	314	100.0	86.2	13.8	-	-	-
90,000 pounds and over	7,551	100.0	15.1	2.7	.1	82.1	-
600 to 999 miles	59,208	100.0	3.1	.4	.1	96.4	-
Under 1,000 pounds	1	100.0	12.3	82.5	.6	-	4.6
1,000 to 9,999 pounds	9	100.0	2.4	79.1	3.7	14.8	-
10,000 to 29,999 pounds	42	100.0	36.5	39.0	24.5	-	-
30,000 to 59,999 pounds	381	100.0	61.3	32.6	5.8	.1	.2
60,000 to 89,999 pounds	681	100.0	87.7	11.3	.9	.1	-
90,000 pounds and over	58,094	100.0	1.7	.1	-	98.2	-
1,000 miles and over	131,007	100.0	1.4	.2	-	98.4	-
Under 1,000 pounds	1	100.0	.3	85.9	1.3	-	12.5
1,000 to 9,999 pounds	10	100.0	10.3	81.6	3.9	3.1	1.1
10,000 to 29,999 pounds	18	100.0	71.3	23.3	5.4	-	-
30,000 to 59,999 pounds	441	100.0	77.6	9.4	.2	12.8	-
60,000 to 89,999 pounds	343	100.0	99.0	1.0	-	-	-
90,000 pounds and over	130,194	100.0	.8	.1	-	99.1	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 091--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Products of Petroleum Refining

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	404,721	100.0	5.3	9.8	4.0	-	80.8	-	0.1
Middle Atlantic	42,966	100.0	4.4	10.0	2.0	-	83.6	-	-
East North Central	33,182	100.0	11.4	40.4	9.9	-	37.5	-	.8
West North Central	7,290	100.0	19.3	44.3	18.3	-	18.1	-	-
South Atlantic	4,000	100.0	9.6	8.0	12.0	-	70.4	-	-
West South Central	248,872	100.0	4.1	3.8	1.7	-	90.4	-	-
Mountain	7,337	100.0	18.4	55.8	25.7	-	-	-	.1
Pacific[1]	39,133	100.0	3.7	10.2	7.4	-	78.7	-	-
Balance of United States[2]	21,941	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	286,595	100.0	2.8	1.4	.5	-	95.3	-	-
Middle Atlantic	15,715	100.0	3.8	3.2	.4	-	92.6	-	-
East North Central	4,101	100.0	19.2	15.7	4.8	-	59.0	-	1.3
West North Central	1,062	100.0	54.1	29.1	12.6	-	4.2	-	-
South Atlantic	1,097	100.0	11.5	5.1	3.5	-	79.9	-	-
West South Central	237,490	100.0	1.8	.6	.2	-	97.4	-	-
Mountain	1,263	100.0	37.9	42.7	19.4	-	-	-	-
Pacific[1]	17,065	100.0	3.6	2.9	1.5	-	92.0	-	-
Balance of United States[2]	8,802	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 091--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Products of Petroleum Refining

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	404,721	404,721	54,320	98,190	43,400	13,832	64,227	26,823	49,602	9,991	44,336
Ton-miles.....millions..	286,595	286,595	75,637	92,963	11,776	3,755	47,592	8,003	18,929	2,027	25,913
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	404,721	100.0	13.4	24.2	10.7	3.4	15.9	6.6	12.3	2.5	11.0
Shipments from--											
Middle Atlantic.....	42,966	100.0	4.8	54.4	12.7	.1	4.2	.2	23.5	-	.1
East North Central.....	33,182	100.0	-	1.4	73.2	8.7	2.8	12.5	1.3	.1	-
West North Central.....	7,290	100.0	.2	.2	6.6	83.9	.5	.4	2.9	4.3	1.0
South Atlantic.....	4,000	100.0	60.7	11.3	6.3	.2	20.0	.7	.8	-	-
West South Central.....	248,872	100.0	19.8	28.1	3.5	1.6	22.0	6.8	14.8	1.0	2.4
Mountain.....	7,337	100.0	-	-	1.1	9.1	-	-	2.4	85.0	2.4
Pacific[2].....	39,133	100.0	-	-	.2	-	-	-	.1	2.2	97.5
Balance of U.S.[3].....	21,941	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	286,595	100.0	26.4	32.5	4.1	1.3	16.6	2.8	6.6	.7	9.0
Shipments from--											
Middle Atlantic.....	15,715	100.0	1.5	6.3	9.3	.3	1.4	.2	80.0	.1	.9
East North Central.....	4,101	100.0	.3	3.8	41.0	16.1	5.5	24.9	7.1	.7	.6
West North Central.....	1,062	100.0	1.5	1.3	11.2	57.2	3.4	1.5	6.4	8.0	9.5
South Atlantic.....	1,097	100.0	74.7	6.1	5.3	.5	9.2	1.3	2.9	-	-
West South Central.....	237,490	100.0	31.4	37.1	2.7	.9	18.8	2.6	2.3	.3	3.9
Mountain.....	1,263	100.0	.5	-	6.1	19.3	-	-	2.8	65.8	5.5
Pacific[2].....	17,065	100.0	.2	.2	.9	-	-	-	.4	2.5	95.8
Balance of U.S.[3].....	8,802	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 091--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Products of Petroleum Refining

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	404,721	100.0	5.3	9.8	4.0	-	80.8	-	0.1
Middle Atlantic, total	42,966	100.0	4.4	10.0	2.0	-	83.6	-	-
Shipments to--									
Middle Atlantic	23,361	100.0	4.7	14.7	3.2	-	77.4	-	-
East North Central	5,442	100.0	6.9	7.4	.2	-	85.5	-	-
South Atlantic	1,797	100.0	5.4	16.5	3.0	-	75.1	-	-
East North Central, total	33,182	100.0	11.4	40.4	9.9	-	37.5	-	.8
Shipments to--									
East North Central	24,276	100.0	9.9	52.5	12.4	-	24.8	-	.4
West South Central, total	248,872	100.0	4.1	3.8	1.7	-	90.4	-	-
Shipments to--									
Middle Atlantic	70,011	100.0	.4	-	-	-	99.6	-	-
East North Central	8,611	100.0	21.0	1.4	.1	-	77.5	-	-
West North Central	3,952	100.0	24.4	9.3	3.4	-	62.8	-	.1
South Atlantic	54,715	100.0	.7	.1	-	-	99.2	-	-
East South Central	16,948	100.0	4.3	1.8	.2	-	93.7	-	-
West South Central	36,935	100.0	15.1	17.0	10.9	-	57.0	-	-
Pacific, total	39,133	100.0	3.7	10.2	7.4	-	78.7	-	-
Shipments to--									
Pacific	38,113	100.0	2.2	9.5	7.4	-	80.9	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	286,595	100.0	2.8	1.4	.5	-	95.3	-	-
Middle Atlantic, total	15,715	100.0	3.8	3.2	.4	-	92.6	-	-
Shipments to--									
Middle Atlantic	990	100.0	15.6	18.7	3.5	-	62.2	-	-
East North Central	1,458	100.0	10.0	11.3	.3	-	78.4	-	-
South Atlantic	213	100.0	20.1	34.4	3.5	-	42.0	-	-
East North Central, total	4,101	100.0	19.2	15.7	4.8	-	59.0	-	1.3
Shipments to--									
East North Central	1,681	100.0	18.8	33.0	10.9	-	36.0	-	1.3
West South Central, total	237,490	100.0	1.8	.6	.2	-	97.4	-	-
Shipments to--									
Middle Atlantic	88,297	100.0	.4	-	-	-	99.6	-	-
East North Central	6,446	100.0	21.5	1.2	.1	-	77.2	-	-
West North Central	2,170	100.0	20.9	4.5	1.1	-	73.5	-	-
South Atlantic	44,539	100.0	.7	-	-	-	99.3	-	-
East South Central	6,139	100.0	6.2	2.1	.1	-	91.6	-	-
West South Central	5,563	100.0	16.6	10.8	8.1	-	64.5	-	-
Pacific, total	17,065	100.0	3.6	2.9	1.5	-	92.0	-	-
Shipments to--									
Pacific	16,349	100.0	.9	1.6	1.4	-	96.1	÷	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 091--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Products of Petroleum Refining

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	404,721	13,269	96,867	294,585	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	286,959	3,075	45,309	238,211
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	5.3	9.1	8.7	4.0	2.8	18.0	6.8	1.8
Motor carrier.....	9.8	28.1	22.3	4.9	1.4	10.5	4.8	.7
Private truck.....	4.0	25.3	9.0	1.4	.5	11.4	1.8	.1
Air.....	-	-	-	-	-	-	-	-
Water.....	80.8	37.5	59.7	89.7	95.3	60.1	86.5	97.4
Other.....	-	-	-	-	-	-	-	-
Unknown.....	.1	-	.3	-	-	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	23.0	42.4	31.5	19.4	1.2	9.3	3.0	.7
100 to 199 miles.....	7.3	20.8	13.9	4.5	1.5	12.5	4.4	.9
200 to 299 miles.....	6.9	14.0	12.0	4.8	2.4	13.5	6.4	1.5
300 to 399 miles.....	5.5	3.2	5.2	5.7	2.7	4.6	3. 8	2.4
400 to 499 miles.....	1.8	5.4	3.1	1.2	1.1	9.6	3.0	.7
500 to 599 miles.....	21.1	8.4	16.8	23.1	23.2	23.4	25.3	22.8
1,000 miles and over.....	34.4	5.8	17.5	41.3	67.9	27.1	54.1	71.0

Table 8. SHIPPER CLASS 091--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Products of Petroleum Refining

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	90.6	75.5	98.3	98.2
Highway facilities	78.9	71.4	80.7	87.7
Rail and highway facilities	72.3	55.1	78.9	86.0
Air facilities	75.4	79.6	70.1	80.7
Rail, highway, and air facilities	57.7	46.9	58.0	75.5
Water facilities	45.2	30.6	42.3	77.2
Rail, highway, air, and water facilities	29.7	16.3	24.5	64.9

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 092--Percent Distribution of Distance, by Means of Transport: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	12,939	100.0	23.1	44.2	32.1	-	0.3	0.3	-
Under 50 miles	3,554	100.0	1.9	39.7	57.6	-	.1	.6	0.1
50 to 99 miles	2,085	100.0	6.7	59.7	33.4	-	.1	.1	-
100 to 199 miles	2,633	100.0	22.0	48.9	28.7	-	.1	.2	.1
200 to 299 miles	1,886	100.0	33.9	48.3	17.5	-	.1	.2	-
300 to 399 miles	827	100.0	39.0	41.7	19.3	-	-	-	-
400 to 499 miles	470	100.0	41.1	36.7	20.9	-	-	1.3	-
500 to 599 miles	420	100.0	51.4	43.1	5.5	-	-	-	-
600 to 799 miles	617	100.0	81.4	15.5	3.1	-	-	-	-
800 to 999 miles	256	100.0	80.2	13.3	6.5	-	-	-	-
1,000 to 1,199 miles	55	100.0	59.4	37.8	2.1	-	-	-	.7
1,200 to 1,499 miles	34	100.0	71.5	20.9	4.9	-	2.6	.1	-
1,500 to 1,999 miles	59	100.0	88.0	11.7	.3	-	-	-	-
2,000 miles and over	43	100.0	22.6	27.1	-	-	50.0	.3	-
TON-MILES	(millions of ton-miles)								
Total	2,796	100.0	46.7	35.7	15.3	-	2.1	.2	-
Under 50 miles	88	100.0	1.9	39.7	57.6	-	.1	.6	.1
50 to 99 miles	152	100.0	8.0	59.7	32.1	-	.1	.1	-
100 to 199 miles	389	100.0	23.8	48.8	27.0	-	.1	.2	.1
200 to 399 miles	463	100.0	34.5	48.0	17.2	-	.1	.2	-
300 to 399 miles	281	100.0	39.0	41.6	19.4	-	-	-	-
400 to 499 miles	209	100.0	41.2	36.6	20.9	-	-	1.3	-
500 to 599 miles	235	100.0	51.2	43.4	5.4	-	-	-	-
600 to 799 miles	434	100.0	82.3	14.7	3.0	-	-	-	-
800 to 999 miles	225	100.0	80.2	13.0	6.8	-	-	-	-
1,000 to 1,199 miles	62	100.0	59.3	38.1	2.0	-	-	-	.6
1,200 to 1,499 miles	47	100.0	72.9	20.2	4.2	-	2.6	.1	-
1,500 to 1,999 miles	104	100.0	88.4	11.3	.3	-	-	-	-
2,000 miles and over	107	100.0	22.5	25.5	-	-	51.7	.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 092--Percent Distribution of Weight, by Means of Transport: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	11,932	100.0	24.0	44.3	31.1	0.6
Under 1,000 pounds	100	100.0	.3	68.1	30.6	1.0
Under 50 pounds	1	100.0	.2	36.6	45.0	18.2
50 to 99 pounds	2	100.0	.4	54.1	41.3	4.2
100 to 199 pounds	7	100.0	-	52.9	45.2	1.9
200 to 499 pounds	36	100.0	.3	71.5	27.6	.6
500 to 999 pounds	54	100.0	.3	69.0	30.0	.7
1,000 to 9,999 pounds	482	100.0	1.6	54.0	43.7	.7
1,000 to 1,999 pounds	81	100.0	.6	56.5	41.9	1.0
2,000 to 2,999 pounds	68	100.0	1.0	60.2	38.2	.6
3,000 to 3,999 pounds	54	100.0	3.1	59.3	36.6	1.0
4,000 to 4,999 pounds	61	100.0	1.2	53.4	44.5	.9
5,000 to 9,999 pounds	218	100.0	1.9	49.9	47.6	.6
10,000 to 29,999 pounds	1,328	100.0	3.2	44.7	50.2	1.9
10,000 to 19,999 pounds	561	100.0	1.6	40.7	54.4	3.3
20,000 to 29,999 pounds	767	100.0	4.3	47.6	47.2	.9
30,000 to 59,999 pounds	5,949	100.0	5.3	55.2	38.9	.6
30,000 to 39,999 pounds	2,161	100.0	3.8	71.0	24.7	.5
40,000 to 49,999 pounds	2,614	100.0	5.6	52.2	41.5	.7
50,000 to 59,999 pounds	1,174	100.0	7.4	33.2	59.2	.2
60,000 to 89,999 pounds	1,368	100.0	69.5	26.2	4.1	.2
60,000 to 69,999 pounds	314	100.0	50.5	45.7	3.8	-
70,000 to 79,999 pounds	404	100.0	52.9	36.9	10.2	-
80,000 to 89,999 pounds	650	100.0	88.8	10.2	.5	.5
90,000 pounds and over	2,705	100.0	57.3	26.7	15.9	.1
TON-MILES	(millions of ton-miles)					
Total	2,637	100.0	48.3	35.3	14.1	2.3
Under 1,000 pounds	29	100.0	.7	83.2	14.6	1.5
Under 50 pounds	-	-	-	-	-	-
50 to 99 pounds	1	100.0	.5	61.7	31.1	6.7
100 to 199 pounds	2	100.0	.1	65.8	32.0	2.1
200 to 499 pounds	12	100.0	.6	86.2	12.7	.5
500 to 999 pounds	14	100.0	.8	85.9	11.7	1.6
1,000 to 9,999 pounds	109	100.0	4.7	69.4	23.8	2.1
1,000 to 1,999 pounds	20	100.0	1.3	71.7	22.6	4.4
2,000 to 2,999 pounds	17	100.0	3.6	76.9	18.3	1.2
3,000 to 3,999 pounds	12	100.0	14.6	65.6	19.1	.7
4,000 to 4,999 pounds	11	100.0	2.9	67.5	27.2	2.4
5,000 to 9,999 pounds	49	100.0	4.6	67.0	26.7	1.7
10,000 to 29,999 pounds	224	100.0	11.4	50.1	37.1	1.4
10,000 to 19,999 pounds	98	100.0	4.7	46.0	48.2	1.1
20,000 to 29,999 pounds	126	100.0	16.6	53.4	28.5	1.5
30,000 to 59,999 pounds	1,081	100.0	18.3	54.9	22.4	4.4
30,000 to 39,999 pounds	434	100.0	12.1	65.8	19.8	2.3
40,000 to 49,999 pounds	478	100.0	19.2	49.0	24.9	6.9
50,000 to 59,999 pounds	169	100.0	31.6	43.7	21.6	3.1
60,000 to 89,999 pounds	466	100.0	84.5	12.7	1.2	1.6
60,000 to 69,999 pounds	95	100.0	76.4	22.3	1.3	-
70,000 to 79,999 pounds	136	100.0	80.7	16.0	3.3	-
80,000 to 89,999 pounds	235	100.0	90.0	6.9	-	3.1
90,000 pounds and over	728	100.0	89.4	9.2	1.4	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 092 --Percent Distribution of Distance and Weight, by Means of Transport: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	11,932	100.0	24.0	44.3	31.1	0.6
Under 200 miles	7,487	100.0	9.6	48.3	41.7	.4
Under 1,000 pounds	55	100.0	.1	55.5	43.3	1.1
1,000 to 9,999 pounds	306	100.0	.4	44.2	54.8	.6
10,000 to 29,999 pounds	910	100.0	.2	40.1	57.0	2.7
30,000 to 59,999 pounds	4,124	100.0	.5	52.5	46.9	.1
60,000 to 89,999 pounds	546	100.0	41.9	48.9	9.2	-
90,000 pounds and over	1,546	100.0	30.2	42.1	27.5	.2
200 to 399 miles	2,547	100.0	36.8	45.6	17.3	.3
Under 1,000 pounds	21	100.0	.3	81.0	18.3	.4
1,000 to 9,999 pounds	98	100.0	3.1	65.7	30.9	.3
10,000 to 29,999 pounds	254	100.0	2.6	64.1	32.8	.5
30,000 to 59,999 pounds	1,232	100.0	8.4	65.9	25.3	.4
60,000 to 89,999 pounds	384	100.0	87.9	10.5	1.6	-
90,000 pounds and over	558	100.0	87.0	12.0	1.0	-
400 to 599 miles	852	100.0	45.3	40.6	13.4	.7
Under 1,000 pounds	10	100.0	.1	80.2	17.9	1.8
1,000 to 9,999 pounds	38	100.0	.7	76.3	22.6	.4
10,000 to 29,999 pounds	110	100.0	8.4	42.3	49.3	-
30,000 to 59,999 pounds	331	100.0	16.7	66.5	15.0	1.8
60,000 to 89,999 pounds	156	100.0	73.3	26.7	-	-
90,000 pounds and over	207	100.0	100.0	-	-	-
600 to 999 miles	861	100.0	81.8	14.6	3.6	-
Under 1,000 pounds	9	100.0	.7	88.4	10.3	.6
1,000 to 9,999 pounds	29	100.0	4.4	79.8	15.2	.6
10,000 to 29,999 pounds	45	100.0	48.3	31.0	20.7	-
30,000 to 59,999 pounds	171	100.0	49.1	41.6	9.3	-
60,000 to 89,999 pounds	266	100.0	97.0	3.0	-	-
90,000 pounds and over	341	100.0	99.7	.3	-	-
1,000 miles and over	185	100.0	63.0	24.7	.5	11.8
Under 1,000 pounds	5	100.0	1.8	92.9	2.2	3.1
1,000 to 9,999 pounds	12	100.0	17.2	73.6	1.7	7.5
10,000 to 29,999 pounds	9	100.0	26.2	56.6	6.2	11.0
30,000 to 59,999 pounds	91	100.0	55.4	26.2	-	18.4
60,000 to 89,999 pounds	15	100.0	68.2	11.4	-	20.4
90,000 pounds and over	53	100.0	96.0	4.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,637	100.0	48.3	35.3	14.1	2.3
Under 200 miles	551	100.0	17.7	51.0	31.0	.3
Under 1,000 pounds	4	100.0	.2	67.4	31.6	.8
1,000 to 9,999 pounds	23	100.0	.8	56.5	42.2	.5
10,000 to 29,999 pounds	57	100.0	.3	49.3	48.6	1.8
30,000 to 59,999 pounds	301	100.0	.9	59.2	39.7	.2
60,000 to 89,999 pounds	53	100.0	58.2	34.5	7.3	-
90,000 pounds and over	113	100.0	56.1	36.0	7.9	-
200 to 399 miles	701	100.0	37.4	45.0	17.4	.2
Under 1,000 pounds	6	100.0	.4	80.5	18.7	.4
1,000 to 9,999 pounds	28	100.0	3.4	64.8	31.5	.3
10,000 to 29,999 pounds	70	100.0	2.7	63.5	33.3	.5
30,000 to 59,999 pounds	332	100.0	9.0	64.9	25.7	.4
60,000 to 89,999 pounds	108	100.0	87.6	10.7	1.7	-
90,000 pounds and over	157	100.0	86.0	13.0	1.0	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 092--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	423	100.0	45.8	41.1	12.5	0.6
Under 1,000 pounds	5	100.0	.1	80.9	17.3	1.7
1,000 to 9,999 pounds	18	100.0	.7	77.3	21.7	.3
10,000 to 29,999 pounds	52	100.0	8.7	44.1	47.2	-
30,000 to 59,999 pounds	166	100.0	16.2	68.0	14.2	1.6
60,000 to 89,999 pounds	76	100.0	74.0	26.0	-	-
90,000 pounds and over	106	100.0	100.0	-	-	-
600 to 999 miles	651	100.0	82.3	13.9	3.8	-
Under 1,000 pounds	7	100.0	.7	87.4	11.3	.6
1,000 to 9,999 pounds	22	100.0	4.8	79.2	15.5	.5
10,000 to 29,999 pounds	34	100.0	48.4	30.0	21.6	-
30,000 to 59,999 pounds	126	100.0	49.4	40.0	10.6	-
60,000 to 89,999 pounds	199	100.0	96.9	3.1	-	-
90,000 pounds and over	263	100.0	99.7	.3	-	-
1,000 miles and over	311	100.0	59.2	22.9	.3	17.6
Under 1,000 pounds	7	100.0	1.5	92.8	1.8	3.9
1,000 to 9,999 pounds	18	100.0	15.6	72.9	1.4	10.1
10,000 to 29,999 pounds	11	100.0	21.5	59.6	4.9	14.0
30,000 to 59,999 pounds	156	100.0	49.1	22.8	-	28.1
60,000 to 89,999 pounds	30	100.0	64.0	11.3	-	24.7
90,000 pounds and over	89	100.0	93.9	6.1	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 092--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,939	100.0	23.1	44.2	32.1	-	0.3	0.3	-
Middle Atlantic	1,587	100.0	10.0	65.1	23.9	-	.6	.4	-
East North Central	3,985	100.0	27.7	51.7	19.8	-	-	.8	-
West North Central	623	100.0	23.6	55.9	20.0	-	-	.1	0.4
South Atlantic	1,075	100.0	28.1	25.3	46.4	-	-	-	.2
East South Central	407	100.0	47.6	14.2	38.2	-	-	-	-
West South Central	1,411	100.0	40.7	21.8	37.5	-	-	-	-
Pacific[1]	2,274	100.0	9.3	38.6	51.1	-	.9	-	.1
Balance of United States[2]	1,577	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,796	100.0	46.7	35.7	15.3	-	2.1	.2	-
Middle Atlantic	322	100.0	19.1	62.9	14.9	-	2.2	.9	-
East North Central	846	100.0	54.4	36.3	8.9	-	.1	.3	-
West North Central	225	100.0	37.4	46.8	15.4	-	-	.1	.3
South Atlantic	159	100.0	44.1	36.9	18.9	-	-	-	.1
East South Central	95	100.0	67.2	17.8	15.0	-	-	-	-
West South Central	460	100.0	50.8	23.4	25.8	-	-	-	-
Pacific[1]	393	100.0	28.1	38.6	20.6	-	12.7	-	-
Balance of United States[2]	296	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 092--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	12,939	12,939	1,330	1,330	3,246	741	1,619	656	1,199	463	2,355
Ton-miles.....millions..	2,796	2,796	87	307	496	214	363	152	323	214	640
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	12,939	100.0	10.3	10.3	25.0	5.7	12.5	5.1	9.3	3.6	18.2
Shipments from--											
Middle Atlantic.....	1,587	100.0	11.3	59.9	8.6	.2	18.1	.4	.5	-	1.0
East North Central.....	3,985	100.0	.2	7.0	73.2	7.3	3.3	5.7	2.3	.1	.9
West North Central.....	623	100.0	.1	3.6	18.5	53.6	1.7	1.4	14.6	4.0	2.5
South Atlantic.....	1,075	100.0	-	1.4	-	-	91.0	7.6	-	-	-
East South Central.....	407	100.0	.1	1.6	2.8	.7	35.2	51.8	7.6	-	.2
West South Central.....	1,411	100.0	.2	.8	3.7	7.1	4.7	8.8	69.2	3.5	2.0
Pacific[2].....	2,274	100.0	-	-	-	.1	-	-	.1	13.1	86.7
Balance of U.S.[3].....	1,577	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	2,796	100.0	3.1	11.0	17.7	7.7	13.0	5.4	11.6	7.7	22.8
Shipments from--											
Middle Atlantic.....	322	100.0	10.6	33.7	17.5	.8	21.4	1.2	3.4	.2	11.2
East North Central.....	846	100.0	.6	16.6	41.3	9.9	7.6	7.0	8.8	.6	7.6
West North Central.....	225	100.0	.2	10.8	17.7	33.6	2.8	1.2	17.0	6.6	10.1
South Atlantic.....	159	100.0	-	1.1	-	-	84.5	14.1	.3	-	-
East South Central.....	95	100.0	.4	6.0	5.2	1.2	51.3	22.8	11.6	-	1.5
West South Central.....	460	100.0	.6	2.8	8.5	9.8	8.8	9.2	40.6	7.8	11.9
Pacific[2].....	393	100.0	-	.6	.1	1.0	-	-	.4	36.6	61.3
Balance of U.S.[3].....	296	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 092--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,939	100.0	23.1	44.2	32.1	-	0.3	0.3	-
Middle Atlantic, total	1,587	100.0	10.0	65.1	23.9	-	.6	.4	-
Shipments to--									
New England	180	100.0	5.6	64.9	29.5	-	-	-	-
Middle Atlantic	949	100.0	5.0	64.9	29.2	-	.8	-	0.1
East North Central	137	100.0	37.4	45.1	13.2	-	-	4.3	-
South Atlantic	287	100.0	14.6	74.9	10.5	-	-	-	-
East North Central, total	3,985	100.0	27.7	51.7	19.8	-	-	.8	-
Shipments to--									
Middle Atlantic	277	100.0	65.2	25.0	9.8	-	-	-	-
East North Central	2,921	100.0	17.8	58.6	22.7	-	-	.9	-
West North Central	291	100.0	31.6	63.3	3.5	-	-	1.6	-
South Atlantic	133	100.0	68.2	17.9	13.7	-	-	.2	-
East South Central	225	100.0	46.9	23.2	29.5	-	-	.4	-
South Atlantic, total	1,075	100.0	28.1	25.3	46.4	-	-	-	.2
Shipments to--									
South Atlantic	977	100.0	25.8	25.3	48.7	-	-	-	.2
West South Central, total	1,411	100.0	40.7	21.8	37.5	-	-	-	-
Shipments to--									
West South Central	976	100.0	38.4	18.7	42.9	-	-	-	-
Pacific, total	2,274	100.0	9.3	38.6	51.1	-	.9	-	.1
Shipments to--									
Mountain	297	100.0	37.2	47.4	15.4	-	-	-	-
Pacific	1,970	100.0	5.1	37.2	56.6	-	1.0	-	.1
TON-MILES	(millions of ton-miles)								
U.S. total	2,796	100.0	46.7	35.7	15.3	-	2.1	.2	-
Middle Atlantic, total	322	100.0	19.1	62.9	14.9	-	2.2	.9	-
Shipments to--									
New England	34	100.0	11.6	60.3	28.1	-	-	-	-
Middle Atlantic	108	100.0	8.7	64.5	26.3	-	.5	-	-
East North Central	56	100.0	40.0	46.4	9.0	-	-	4.6	-
South Atlantic	69	100.0	18.5	74.9	6.6	-	-	-	-
East North Central, total	846	100.0	54.4	36.3	8.9	-	.1	.3	-
Shipments to--									
Middle Atlantic	140	100.0	79.7	15.1	5.1	.1	-	-	-
East North Central	350	100.0	29.5	55.5	14.5	-	.1	.4	-
West North Central	84	100.0	38.5	58.0	2.9	-	-	.6	-
South Atlantic	64	100.0	73.8	17.0	9.1	-	-	.1	-
East South Central	59	100.0	64.7	24.4	10.7	-	-	.2	-
South Atlantic, total	159	100.0	44.1	36.9	18.9	-	-	-	.1
Shipments to--									
South Atlantic	134	100.0	41.8	38.8	19.3	-	-	-	.1
West South Central, total	460	100.0	50.8	23.4	25.8	-	-	-	-
Shipments to--									
West South Central	186	100.0	39.2	22.6	38.2	-	-	-	-
Pacific, total	393	100.0	28.1	38.6	20.6	-	12.7	-	-
Shipments to--									
Mountain	144	100.0	37.9	49.5	12.6	-	-	-	-
Pacific	240	100.0	22.7	30.8	25.8	-	20.7	-	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 092--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Means of transport and distance of shipment	TONS OF SHIPMENTS			TON-MILES		
	All plants	Plants with--		All plants	Plants with--	
		20 to 99 employees	100 employees and over		20 to 99 employees	100 employees and over
Tons shipped..... thousands..	12,939	7,801	5,138	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	2,796	1,396	1,400
MEANS OF TRANSPORT		Percent distribution by means of transport and distance of shipment				
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	23.1	15.3	34.8	46.7	40.8	52.7
Motor carrier.....	44.2	43.4	45.4	35.7	37.5	33.9
Private truck.....	32.1	40.4	19.5	15.3	18.7	11.9
Air.....	-	-	-	-	-	-
Water.....	.3	.3	.2	2.1	2.6	1.5
Other.....	.3	.5	.1	.2	.4	-
Unknown.....	-	.1	-	-	-	-
DISTANCE OF SHIPMENT						
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	43.5	55.7	25.1	8.6	12.7	4.4
100 to 199 miles.....	20.4	18.4	23.3	13.9	14.7	13.2
200 to 299 miles.....	14.6	9.8	21.8	16.5	13.4	19.7
300 to 399 miles.....	6.4	4.1	9.9	10.1	7.8	12.3
400 to 499 miles.....	3.6	2.2	5.9	7.5	5.4	9.6
500 to 999 miles.....	10.0	8.6	12.1	31.9	33.3	30.5
1,000 miles and over.....	1.5	1.2	1.9	11.5	12.7	10.3

Table 8. SHIPPER CLASS 092--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Paving and Roofing Materials and Miscellaneous Petroleum and Coal Products

Shipping facilities available	All plants	Plants with--	
		20 to 99 employees	100 employees and over
Total.....	100.0	100.0	100.0
Rail facilities.....	77.1	72.9	91.8
Highway facilities.....	95.0	94.4	96.7
Rail and highway facilities.....	74.2	70.1	88.5
Air facilities.....	85.7	86.8	82.0
Rail, highway, and air facilities.....	65.7	63.9	72.1
Water facilities.....	37.5	40.3	27.9
Rail, highway, air, and water facilities.	30.8	32.6	24.6

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. None of the plants reported they did not have any of the above transportation facilities available.

Shipper Group 10

Rubber and Plastics Products

101 Tires and inner tubes
102 Rubber footwear
103 Miscellaneous rubber products and reclaimed rubber
104 Miscellaneous plastics products

SAMPLE SIZE

The sample for this shipper group consisted of 368 establishments, of which 355 were in scope and provided data from 44,436 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (13 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 10 and their related SIC industries are as follows:

Shipper Class 101.--Tires and inner tubes
SIC 3011.--Tires and inner tubes

Shipper Class 102.--Rubber footwear
SIC 3021.--Rubber footwear

Shipper Class 103.--Miscellaneous rubber products and reclaimed rubber
SIC 3031.--Reclaimed rubber
SIC 3069.--Fabricated rubber products, n.e.c.

Shipper Class 104.--Miscellaneous plastics products
SIC 3079.--Miscellaneous plastics products

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
101–Tires and inner tubes	3011	3011
102–Rubber footwear	3021	3021
103–Miscellaneous rubber products and reclaimed rubber	3031,3061	3031,3069
104–Miscellaneous plastics products	3071	3079

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 79 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 10	10,057	100.0	78.5	21.5
Class 101	4,143	100.0	75.0	25.0
Class 102	295	100.0	92.5	7.5
Class 103	2,605	100.0	75.6	24.4
Class 104	3,014	100.0	84.6	15.4

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Rubber and Plastics Products Shipper Group shipped (beyond the local area) about 10,057,000 tons of commodities during 1967. Those shipments generated about 5 billion ton-miles by all means of transport combined, averaging about 528 straight-line miles per ton shipped.

As shown in table A, of the total tons shipped by this shipper group, about 41 percent were accounted for by the Tires and Inner Tubes Shipper Class; about 30 percent by the Miscellanieous Plastics Products Shipper Class; about 26 percent by the Miscellaneous Rubber Products and Reclaimed Rubber Shipper Class; and about 3 percent by the Rubber Footwear Shipper Class.

Motor carrier is the dominant means of transport for the shipper group and for each of the shipper classes. Rail transported the second largest share in the Tires and Inner Tubes (101) and Miscellaneous Plastics Products (104) shipper classes while private truck was the second largest carrier for the Miscellaneous Rubber Products and Reclaimed Rubber (103) Shipper Class.

When measured in terms of ton-miles, rather than tons, motor carriers accounted for 3 billion, rails accounted for a little less than 2 billion, and private trucks and all other means of transport accounted for a combined total of slightly less than one-half billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 3 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the shipper group and all shipper classes for both years. An increase for the shipper group is indicated in the table, from 8.6 million tons in 1963 to 10 million tons in 1967. Shipper Classes 101 (Tires and Inner Tubes), 102 (Rubber Footwear) and 104 (Miscellaneous Plastics Products) show increases over 1963 while Shipper Class 103 (Miscellaneous Rubber Products and Reclaimed Rubber) shows a slight decrease in 1967.

As shown in table C, the relative distribution of tons by means of transport for the two years is fairly stable for the shipper group as a whole. However, the rail share shows an increase for Shipper Classes 101 (Tires and Inner Tubes) and 104 (Miscellaneous Plastics Products) while the motor carriers share decreased. Shipper Classes 102 (Rubber Footwear) and 103 (Miscellaneous Rubber Products and Reclaimed Rubber) show a decrease in the rails share of tonnage shipped and an increase in the motor carriers share. The private truck share shows an increase in 1967 for Shipper Classes 101 (Tires and Inner Tubes) and 102 (Rubber Footwear).

The length of haul for each means of transport in 1967 tends to be similar to that shown for 1963 for the shipper group as a whole, as shown in table D. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 10: Rubber and plastics products	10,057	2,562	6,392	920	183
Shipper Classes:					
101. Tires and inner tubes	4,143	1,876	1,984	254	29
102. Rubber footwear	295	17	229	18	31
103. Miscellaneous rubber products and reclaimed rubber	2,605	249	2,014	268	74
104. Miscellaneous plastics products	3,014	420	2,165	380	49
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 10: Rubber and plastics products	5,307	1,829	3,027	290	161
Shipper Classes:					
101. Tires and inner tubes	2,129	1,133	874	110	12
102. Rubber footwear	211	18	158	2	33
103. Miscellaneous rubber products and reclaimed rubber	1,210	228	841	69	72
104. Miscellaneous plastics products	1,757	450	1,154	109	44

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 10: Rubber and plastics products	10,057	8,583	8,884
Shipper Classes:			
101. Tires and inner tubes	4,143	3,502	3,503
102. Rubber footwear	295	156	156
103. Miscellaneous rubber products and reclaimed rubber	2,605	2,889	2,892
104. Miscellaneous plastics products	3,014	2,036	2,333

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 10: Rubber and plastics products:					
1967	100.0	25.5	63.5	9.2	1.8
1963	100.0	25.4	63.4	8.7	2.5
Shipper Classes					
101. Tires and inner tubes:					
1967	100.0	45.3	47.9	6.1	.7
1963	100.0	41.6	54.2	3.6	.6
102. Rubber footwear:					
1967	100.0	5.6	77.7	6.1	10.6
1963	100.0	22.5	67.0	3.1	7.4
103. Miscellaneous rubber products and reclaimed rubber:					
1967	100.0	9.6	77.3	10.3	2.8
1963	100.0	21.7	64.9	11.2	2.2
104. Miscellaneous plastics products:					
1967	100.0	13.9	71.8	12.6	1.7
1963	100.0	6.2	75.3	13.5	5.0
TON-MILES					
Shipper Group 10: Rubber and plastics products:					
1967	100.0	34.5	57.0	5.5	3.0
1963	100.0	37.0	52.4	5.9	4.7
Shipper Classes					
101. Tires and inner tubes:					
1967	100.0	53.3	41.0	5.1	.6
1963	100.0	55.0	41.6	2.8	.6
102. Rubber footwear:					
1967	100.0	8.4	74.9	.8	15.9
1963	100.0	36.6	50.8	.6	12.0
103. Miscellaneous rubber products and reclaimed rubber:					
1967	100.0	18.8	69.6	5.7	5.9
1963	100.0	30.5	57.0	7.4	5.1
104. Miscellaneous plastics products:					
1967	100.0	25.6	65.7	6.2	2.5
1963	100.0	12.6	66.6	9.9	10.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 10: Rubber and plastics products:				
1967	528	714	474	315
1963	518	755	428	352
SHIPPER CLASSES				
101. Tires and inner tubes:				
1967	514	604	441	433
1963	566	748	434	437
102. Rubber footwear:				
1967	715	1,059	690	111
1963	551	886	419	200
103. Miscellaneous rubber products and reclaimed rubber:				
1967	464	916	418	257
1963	511	718	449	336
104. Miscellaneous plastics products:				
1967	583	1,071	533	287
1963	452	917	400	330

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 10: Rubber and Plastics Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	26.1	63.8	8.3	1.8
1963	100.0	26.1	62.8	8.8	2.3
Distance (straight-line miles)					
Under 200 miles:					
1967	100.0	20.5	65.0	13.4	1.1
1963	100.0	17.7	69.6	11.7	1.0
200 to 399 miles:					
1967	100.0	15.0	76.8	6.5	1.7
1963	100.0	19.4	70.4	9.2	1.0
400 to 599 miles:					
1967	100.0	36.9	54.5	7.7	.9
1963	100.0	30.1	61.4	6.5	2.0
600 to 999 miles:					
1967	100.0	24.3	68.2	5.5	2.0
1963	100.0	30.7	59.7	7.2	2.4
1,000 miles and over:					
1967	100.0	44.7	48.0	2.7	4.6
1963	100.0	47.4	39.7	5.4	7.5
Weight					
Under 1,000 pounds:					
1967	100.0	1.4	86.4	7.0	5.2
1963	100.0	2.2	82.8	6.7	8.3
1,000 to 9,999 pounds:					
1967	100.0	5.7	82.4	10.4	1.5
1963	100.0	3.3	83.9	10.2	2.6
10,000 to 29,999 pounds:					
1967	100.0	18.2	67.6	12.6	1.6
1963	100.0	18.2	68.2	12.3	1.3
30,000 pounds and over:					
1967	100.0	59.3	36.6	2.6	1.5
1963	100.0	54.9	38.5	5.5	1.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 10: Rubber and Plastics Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	25.5	63.5	9.2	1.8
1963	100.0	25.4	63.4	8.7	2.5
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	1.0	85.8	6.9	6.3
20 to 99 employees:					
1967	100.0	.5	81.1	16.6	1.8
1963	100.0	3.7	80.3	12.3	3.7
100 to 499 employees:					
1967	100.0	14.5	67.6	15.9	2.0
1963	100.0	13.4	72.6	11.4	2.6
500 employees and over:					
1967	100.0	35.8	58.4	4.0	1.8
1963	100.0	35.6	55.5	7.0	1.9

[1]Not obtained in 1967

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 10: Rubber and Plastics Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	25.5	63.5	9.2	1.8
1963	100.0	25.4	63.4	8.7	2.5
New England:					
1967	100.0	15.3	77.0	5.2	2.5
1963	100.0	23.6	60.2	11.7	4.5
Middle Atlantic:					
1967	100.0	19.4	72.8	6.4	1.4
1963	100.0	15.1	72.4	9.0	3.5
East North Central:					
1967	100.0	22.6	66.7	8.4	2.3
1963	100.0	28.8	60.1	9.3	1.8
East South Central:					
1967	100.0	47.8	45.8	6.1	.3
1963	100.0	40.1	51.1	6.9	1.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 10: RUBBER AND PLASTICS PRODUCTS		
Total shipments	10,057	5.2
Shipments by--		
Rail	2,562	7.6
Motor carrier	6,392	6.2
Private truck	920	17.8
All other	183	-
Shipments from--		
New England Division	1,211	21.8
Middle Atlantic Division	1,582	14.4
East North Central Division	3,925	7.6
West North Central Division	526	10.6
South Atlantic Division	575	24.4
East South Central Division	873	22.4
West South Central Division	556	31.2
Pacific Division	679	18.2
Balance of United States	130	-
SHIPPER CLASS 101: TIRES AND INNER TUBES		
Total shipments	4,143	9.6
Shipments by--		
Rail	1,876	10.6
Motor carrier	1,984	7.0
Private truck	254	57.4
All other	29	-
Shipments from--		
Middle Atlantic Division	343	25.0
East North Central Division	1,567	6.8
West North Central Division	395	10.4
East South Central Division	699	25.0
West South Central Division	368	45.2
Pacific Division	392	24.4
Balance of United States	379	-
SHIPPER CLASS 102: RUBBER FOOTWEAR		
Total shipments	295	30.2
Shipments by--		
Rail	17	40.6
Motor carrier	229	33.4
Private truck	18	42.2
All other	31	-
SHIPPER CLASS 102: RUBBER FOOTWEAR--Continued		
Shipments from--		
New England Division	100	35.8
Middle Atlantic Division	62	67.6
Balance of United States	133	-
SHIPPER CLASS 102: MISCELLANEOUS RUBBER PRODUCTS AND RECLAIMED RUBBER		
Total shipments	2,605	12.0
Shipments by--		
Rail	249	21.2
Motor carrier	2,014	12.8
Private truck	268	27.0
All other	74	-
Shipments from--		
New England Division	487	38.8
Middle Atlantic Division	384	36.2
East North Central Division	1,329	17.2
West North Central Division	24	21.6
Pacific Division	90	53.0
Balance of United States	291	-
SHIPPER CLASS 104: MISCELLANEOUS PLASTICS PRODUCTS		
Total shipments	3,014	12.2
Shipments by--		
Rail	420	20.2
Motor carrier	2,165	14.4
Private truck	380	20.2
All other	49	-
Shipments from--		
New England Division	467	42.2
Middle Atlantic Division	793	13.8
East North Central Division	982	17.6
West North Central Division	107	46.2
South Atlantic Division	124	53.8
West South Central Division	155	52.4
Pacific Division	194	28.4
Balance of United States	192	-

TABLE 1. SHIPPER GROUP 10--Percent Distribution of Distance, by Means of Transport: 1967

Rubber and Plastics Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	10,057	100.0	25.5	63.5	9.2	0.3	0.2	0.8	0.5
Under 50 miles	882	100.0	17.2	58.1	23.3	.1	.1	.7	.5
50 to 99 miles	945	100.0	22.1	66.0	10.8	-	-	.3	.8
100 to 199 miles	1,536	100.0	20.2	66.5	12.5	.1	.1	.5	.1
200 to 299 miles	1,029	100.0	11.4	78.8	7.9	.1	-	.2	1.6
300 to 399 miles	902	100.0	18.6	75.2	4.7	.4	-	.2	.9
400 to 499 miles	866	100.0	32.5	59.7	6.9	.4	-	.3	.2
500 to 599 miles	754	100.0	40.7	48.7	9.5	.4	-	.7	-
600 to 799 miles	1,101	100.0	24.6	66.3	7.7	.4	.1	.5	.4
800 to 999 miles	661	100.0	22.0	70.4	4.8	.4	-	2.4	-
1,000 to 1,199 miles	374	100.0	34.2	56.5	5.8	.8	1.9	.8	-
1,200 to 1,499 miles	312	100.0	31.6	60.5	5.6	.8	.6	.8	.1
1,500 to 1,999 miles	322	100.0	45.3	48.5	2.0	1.0	1.7	1.5	-
2,000 miles and over	373	100.0	61.1	30.1	.6	.9	.5	6.1	.7
TON-MILES	(millions of ton-miles)								
Total	5,307	100.0	34.5	57.0	5.5	.6	.5	1.6	.3
Under 50 miles	25	100.0	15.1	60.5	23.1	.1	-	.8	.4
50 to 99 miles	70	100.0	21.8	66.4	10.7	-	-	.3	.8
100 to 199 miles	226	100.0	18.9	68.5	11.8	.1	.1	.5	.1
200 to 299 miles	254	100.0	11.5	79.1	7.7	.1	-	.2	1.4
300 to 399 miles	315	100.0	18.8	74.9	4.7	.4	-	.3	.9
400 to 499 miles	388	100.0	33.4	58.9	6.8	.4	-	.3	.2
500 to 599 miles	412	100.0	40.6	48.6	9.7	.4	-	.7	-
600 to 799 miles	757	100.0	24.4	66.2	7.9	.4	.1	.6	.4
800 to 999 miles	595	100.0	21.6	71.1	4.6	.4	-	2.3	-
1,000 to 1,199 miles	405	100.0	34.5	56.2	5.7	.8	2.0	.8	-
1,200 to 1,499 miles	416	100.0	31.8	60.6	5.3	.9	.5	.8	.1
1,500 to 1,999 miles	568	100.0	45.4	48.6	2.0	1.0	1.5	1.5	-
2,000 miles and over	876	100.0	61.4	30.2	.6	.9	.7	5.5	.7

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 10--Percent Distribution of Weight, by Means of Transport: 1967

Rubber and Plastics Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	9,806	100.0	26.1	63.8	8.3	1.8
Under 1,000 pounds	880	100.0	1.4	86.4	7.0	5.2
Under 50 pounds	25	100.0	2.1	53.9	6.7	37.3
50 to 99 pounds	39	100.0	1.7	78.6	5.2	14.5
100 to 199 pounds	95	100.0	1.4	86.0	5.1	7.5
200 to 499 pounds	298	100.0	1.4	89.1	5.8	3.7
500 to 999 pounds	423	100.0	1.4	87.2	8.5	2.9
1,000 to 9,999 pounds	2,861	100.0	5.7	82.4	10.4	1.5
1,000 to 1,999 pounds	617	100.0	1.4	87.1	9.3	2.2
2,000 to 2,999 pounds	469	100.0	1.3	88.6	8.7	1.4
3,000 to 3,999 pounds	358	100.0	5.0	83.2	10.1	1.7
4,000 to 4,999 pounds	334	100.0	8.3	78.6	11.0	2.1
5,000 to 9,999 pounds	1,083	100.0	9.5	77.8	11.7	1.0
10,000 to 29,999 pounds	2,954	100.0	18.2	67.6	12.6	1.6
10,000 to 19,999 pounds	1,207	100.0	16.2	70.3	11.9	1.6
20,000 to 29,999 pounds	1,747	100.0	19.5	65.8	13.2	1.5
30,000 to 59,999 pounds	2,665	100.0	57.5	37.9	3.0	1.6
30,000 to 39,999 pounds	1,622	100.0	52.5	40.5	4.7	2.3
40,000 to 49,999 pounds	679	100.0	59.5	39.3	.7	.5
50,000 to 59,999 pounds	364	100.0	75.4	23.9	-	.7
60,000 to 89,999 pounds	279	100.0	75.5	24.5	-	-
60,000 to 69,999 pounds	128	100.0	88.5	11.5	-	-
70,000 to 79,999 pounds	66	100.0	74.6	25.4	-	-
80,000 to 89,999 pounds	85	100.0	56.6	43.4	-	-
90,000 pounds and over	167	100.0	63.3	36.7	-	-
TON-MILES	(millions of ton-miles)					
Total	5,170	100.0	35.3	56.8	4.8	3.1
Under 1,000 pounds	445	100.0	4.0	85.3	2.1	8.6
Under 50 pounds	14	100.0	3.6	54.4	3.0	39.0
50 to 99 pounds	22	100.0	3.5	74.8	2.1	19.6
100 to 199 pounds	52	100.0	3.7	81.0	1.4	13.9
200 to 499 pounds	155	100.0	3.8	87.2	1.9	7.1
500 to 999 pounds	202	100.0	4.4	88.2	2.4	5.0
1,000 to 9,999 pounds	1,299	100.0	8.7	82.1	5.8	3.4
1,000 to 1,999 pounds	278	100.0	3.7	87.9	3.1	5.3
2,000 to 2,999 pounds	222	100.0	4.2	88.8	4.5	2.5
3,000 to 3,999 pounds	153	100.0	6.7	84.5	5.4	3.4
4,000 to 4,999 pounds	144	100.0	10.7	76.6	5.6	7.1
5,000 to 9,999 pounds	502	100.0	13.6	76.8	8.1	1.5
10,000 to 29,999 pounds	1,532	100.0	27.3	60.7	8.7	3.3
10,000 to 19,999 pounds	608	100.0	22.2	68.8	6.7	2.3
20,000 to 29,999 pounds	924	100.0	30.6	55.5	10.0	3.9
30,000 to 59,999 pounds	1,539	100.0	65.2	31.3	1.9	1.6
30,000 to 39,999 pounds	772	100.0	57.9	36.3	3.6	2.2
40,000 to 49,999 pounds	483	100.0	65.4	32.9	.4	1.3
50,000 to 59,999 pounds	284	100.0	84.5	14.8	-	.7
60,000 to 89,999 pounds	220	100.0	82.8	17.2	-	-
60,000 to 69,999 pounds	102	100.0	88.8	11.2	-	-
70,000 to 79,999 pounds	64	100.0	72.1	27.9	-	-
80,000 to 89,999 pounds	54	100.0	84.0	16.0	-	-
90,000 pounds and over	135	100.0	67.0	33.0	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 10--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Rubber and Plastics Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	9,806	100.0	26.1	63.8	8.3	1.8
Under 200 miles	3,271	100.0	20.5	65.0	13.4	1.1
Under 1,000 pounds	307	100.0	.3	80.4	15.9	3.4
1,000 to 9,999 pounds	1,092	100.0	2.4	79.5	17.1	1.0
10,000 to 29,999 pounds	908	100.0	13.9	67.5	17.9	.7
30,000 to 59,999 pounds	853	100.0	53.7	40.6	4.9	.8
60,000 to 89,999 pounds	63	100.0	39.6	60.4	-	-
90,000 pounds and over	48	100.0	71.3	28.7	-	-
200 to 399 miles	1,892	100.0	15.0	76.8	6.5	1.7
Under 1,000 pounds	199	100.0	.3	93.1	3.3	3.3
1,000 to 9,999 pounds	629	100.0	4.8	86.9	7.8	.5
10,000 to 29,999 pounds	640	100.0	11.8	78.4	9.7	.1
30,000 to 59,999 pounds	402	100.0	41.2	51.8	1.2	5.8
60,000 to 89,999 pounds	10	100.0	61.3	38.7	-	-
90,000 pounds and over	12	100.0	44.1	55.9	-	-
400 to 599 miles	1,592	100.0	36.9	54.5	7.7	.9
Under 1,000 pounds	116	100.0	.6	91.8	2.0	5.6
1,000 to 9,999 pounds	385	100.0	14.4	77.8	6.6	1.2
10,000 to 29,999 pounds	532	100.0	21.8	61.7	16.3	.2
30,000 to 59,999 pounds	462	100.0	69.5	28.3	1.7	.5
60,000 to 89,999 pounds	92	100.0	98.9	1.1	-	-
90,000 pounds and over	5	100.0	70.1	29.9	-	-
600 to 999 miles	1,713	100.0	24.3	68.2	5.5	2.0
Under 1,000 pounds	134	100.0	2.0	90.1	2.2	5.7
1,000 to 9,999 pounds	461	100.0	5.2	88.7	5.4	.7
10,000 to 29,999 pounds	524	100.0	16.2	71.6	8.6	3.6
30,000 to 59,999 pounds	493	100.0	49.6	45.6	4.3	.5
60,000 to 89,999 pounds	33	100.0	76.5	23.5	-	-
90,000 pounds and over	68	100.0	51.5	48.5	-	-
1,000 miles and over	1,338	100.0	44.7	48.0	2.7	4.6
Under 1,000 pounds	124	100.0	6.2	81.2	1.1	11.5
1,000 to 9,999 pounds	294	100.0	9.1	79.8	3.8	7.3
10,000 to 29,999 pounds	351	100.0	38.0	51.9	5.0	5.1
30,000 to 59,999 pounds	454	100.0	74.8	22.1	1.3	1.8
60,000 to 89,999 pounds	82	100.0	78.1	21.9	-	-
90,000 pounds and over	33	100.0	82.1	17.9	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	5,170	100.0	35.3	56.8	4.8	3.1
Under 200 miles	312	100.0	19.9	68.1	11.0	1.0
Under 1,000 pounds	27	100.0	.4	89.3	6.9	3.4
1,000 to 9,999 pounds	101	100.0	3.0	83.4	12.4	1.2
10,000 to 29,999 pounds	89	100.0	12.8	68.1	18.8	.3
30,000 to 59,999 pounds	83	100.0	49.0	46.4	3.9	.7
60,000 to 89,999 pounds	7	100.0	32.3	67.7	-	-
90,000 pounds and over	5	100.0	92.0	8.0	-	-
200 to 399 miles	557	100.0	15.8	76.6	6.0	1.6
Under 1,000 pounds	58	100.0	.3	92.8	3.5	3.4
1,000 to 9,999 pounds	183	100.0	4.7	87.0	7.8	.5
10,000 to 29,999 pounds	190	100.0	12.9	78.7	8.3	.1
30,000 to 59,999 pounds	119	100.0	42.6	50.9	1.4	5.1
60,000 to 89,999 pounds	3	100.0	73.7	26.3	-	-
90,000 pounds and over	4	100.0	43.7	56.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 10--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Rubber and Plastics Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	787	100.0	37.7	53.5	7.9	0.9
Under 1,000 pounds	57	100.0	.6	91.9	1.9	5.6
1,000 to 9,999 pounds	187	100.0	14.6	77.5	6.7	1.2
10,000 to 29,999 pounds	264	100.0	22.6	60.1	17.0	.3
30,000 to 59,999 pounds	230	100.0	70.7	27.2	1.5	.6
60,000 to 89,999 pounds	46	100.0	98.8	1.2	-	-
90,000 pounds and over	3	100.0	71.3	28.7	-	-
600 to 999 miles	1,313	100.0	23.8	68.9	5.3	2.0
Under 1,000 pounds	102	100.0	2.0	90.3	2.1	5.6
1,000 to 9,999 pounds	357	100.0	5.3	88.9	5.1	.7
10,000 to 29,999 pounds	402	100.0	15.7	71.7	8.6	4.0
30,000 to 59,999 pounds	372	100.0	49.4	46.1	4.0	.5
60,000 to 89,999 pounds	26	100.0	80.1	19.9	-	-
90,000 pounds and over	54	100.0	44.7	55.3	-	-
1,000 miles and over	2,201	100.0	48.3	44.4	2.2	5.1
Under 1,000 pounds	200	100.0	7.7	77.9	1.1	13.3
1,000 to 9,999 pounds	471	100.0	11.8	76.6	3.8	7.8
10,000 to 29,999 pounds	588	100.0	44.1	46.8	3.6	5.5
30,000 to 59,999 pounds	735	100.0	76.8	20.2	.9	2.1
60,000 to 89,999 pounds	138	100.0	80.9	19.1	-	-
90,000 pounds and over	69	100.0	83.9	16.1	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 10--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Rubber and Plastics Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total..	10,057	100.0	25.5	63.5	9.2	0.3	0.2	0.8	0.5
New England	1,211	100.0	15.3	77.0	5.2	.3	.6	1.4	.2
Middle Atlantic	1,582	100.0	19.4	72.8	6.4	.2	-	1.0	.2
East North Central	3,925	100.0	22.6	66.7	8.4	.3	-	1.0	1.0
West North Central	526	100.0	40.1	55.2	3.2	.8	.1	.3	.3
South Atlantic	575	100.0	14.1	55.9	28.0	.2	1.4	.4	-
East South Central	873	100.0	47.8	45.8	6.1	-	-	.2	.1
West South Central	556	100.0	36.6	42.5	19.5	.8	-	.6	-
Mountain[1]	130	-	-	-	-	-	-	-	-
Pacific[2]	679	100.0	36.4	52.2	10.0	.6	.2	.5	.1
TON-MILES	(millions of ton-miles)								
U.S. total	5,307	100.0	34.5	57.0	5.5	.6	.5	1.6	.3
New England	752	100.0	34.6	59.0	2.7	.3	1.2	2.1	.1
Middle Atlantic	863	100.0	34.1	60.9	2.4	.3	.1	1.5	.7
East North Central	1,645	100.0	28.6	63.7	3.4	.6	.1	3.0	.6
West North Central	306	100.0	43.7	52.6	1.9	1.1	.4	.1	.2
South Atlantic	309	100.0	24.2	51.9	19.1	.2	3.2	1.3	.1
East South Central	506	100.0	45.8	47.3	6.7	-	-	.2	-
West South Central	424	100.0	38.0	44.7	15.6	1.1	-	.6	-
Mountain[1]	98	-	-	-	-	-	-	-	-
Pacific[2]	404	100.0	43.1	51.3	2.6	1.9	.9	.2	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 10--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Rubber and Plastics Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	10,057	10,057	601	1,632	3,153	927	1,153	680	597	245	1,069
Ton-miles.....millions..	5,307	5,307	201	576	1,026	510	594	326	487	224	1,363
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	10,057	100.0	6.0	16.2	31.4	9.2	11.5	6.8	5.9	2.4	10.6
Shipments from--											
New England.....	1,211	100.0	26.2	29.4	13.9	4.0	11.1	2.8	3.5	.3	8.8
Middle Atlantic.....	1,582	100.0	5.8	32.6	24.1	3.9	15.8	5.3	4.4	.9	7.2
East North Central.....	3,925	100.0	3.1	12.7	49.6	9.7	9.4	4.8	3.6	2.0	5.1
West North Central.....	526	100.0	3.2	9.1	27.8	24.8	3.7	8.8	11.8	4.6	6.2
South Atlantic.....	575	100.0	4.9	12.4	19.2	6.3	26.4	21.5	4.3	.2	4.8
East South Central.....	873	100.0	1.8	7.1	28.7	16.4	14.8	13.2	9.6	1.4	7.0
West South Central.....	556	100.0	1.1	12.5	17.6	12.5	13.6	10.6	16.2	3.6	12.3
Mountain[2].....	130	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	679	100.0	.5	.9	5.5	4.4	2.4	1.3	9.3	9.5	66.2
TON-MILES	(millions)										
U.S. total.....	5,307	100.0	3.8	10.8	19.3	9.6	11.2	6.1	9.2	4.2	25.8
Shipments from--											
New England.....	752	100.0	3.3	9.7	16.9	7.0	13.0	4.3	8.6	.9	36.3
Middle Atlantic.....	863	100.0	2.6	5.9	20.2	6.4	13.8	7.2	9.5	2.8	31.6
East North Central.....	1,645	100.0	4.9	12.8	18.7	10.9	10.1	5.0	7.7	5.9	24.0
West North Central.....	306	100.0	5.9	15.4	20.4	9.5	5.0	9.0	11.9	7.4	15.5
South Atlantic.....	309	100.0	7.1	9.4	19.9	9.4	12.7	12.8	7.8	.6	20.3
East South Central.....	506	100.0	2.9	10.2	25.3	14.5	11.0	4.0	7.8	2.8	21.5
West South Central.....	424	100.0	2.2	20.5	19.0	7.6	14.2	5.6	4.9	3.5	22.5
Mountain[2].....	98	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	404	100.0	2.2	3.8	17.8	10.8	8.2	3.7	19.6	9.1	24.8

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 10--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Rubber and Plastics Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	10,057	100.0	25.5	63.5	9.2	0.3	0.2	0.8	0.5
New England, total	1,211	100.0	15.3	77.0	5.2	.3	.6	1.4	.2
Shipments to--									
New England	318	100.0	3.4	85.9	10.3	.2	-	.1	.1
Middle Atlantic	355	100.0	8.5	87.4	2.7	.1	.5	.2	.6
East North Central	168	100.0	12.8	73.8	5.0	.7	-	7.6	.1
West North Central	48	100.0	18.2	73.1	4.0	.6	-	4.1	-
South Atlantic	135	100.0	15.2	76.5	7.7	.2	.2	.2	-
Pacific	106	100.0	72.6	26.5	-	.2	-	.7	-
Middle Atlantic, total	1,582	100.0	19.4	72.8	6.4	.2	-	1.0	.2
Shipments to--									
New England	92	100.0	5.0	88.2	4.8	-	-	2.0	-
Middle Atlantic	515	100.0	8.7	78.2	12.4	.1	-	.6	-
East North Central	381	100.0	16.6	78.4	3.6	.3	-	1.1	-
West North Central	62	100.0	38.6	59.2	.3	.6	-	1.3	-
South Atlantic	251	100.0	25.5	67.8	6.2	.1	-	.4	-
East South Central	84	100.0	20.2	75.8	2.9	.9	-	.2	-
West South Central	70	100.0	22.3	75.4	-	.3	.3	1.7	-
Pacific	114	100.0	59.9	34.6	.6	.2	-	2.5	2.2
East North Central, total	3,925	100.0	22.6	66.7	8.4	.3	-	1.0	1.0
Shipments to--									
New England	121	100.0	38.6	58.1	.8	.2	-	2.3	-
Middle Atlantic	499	100.0	12.0	80.5	5.1	.5	.1	.3	1.5
East North Central	1,947	100.0	19.4	66.9	11.8	.1	-	.4	1.4
West North Central	380	100.0	40.0	55.7	2.5	.2	-	.4	1.2
South Atlantic	369	100.0	19.3	68.5	11.2	.3	-	.7	-
East South Central	189	100.0	17.7	74.1	7.9	.1	-	.2	-
West South Central	141	100.0	27.9	67.6	3.4	.7	-	.4	-
Pacific	201	100.0	46.5	41.5	.1	1.3	-	10.6	-
East South Central, total	873	100.0	47.8	45.8	6.1	-	-	.2	.1
Shipments to--									
East North Central	252	100.0	61.7	33.0	5.1	.1	-	.1	-
South Atlantic	129	100.0	38.7	56.4	4.7	-	-	.2	-
East South Central	115	100.0	46.6	47.7	4.6	-	-	.2	.9
Pacific, total	679	100.0	36.4	52.2	10.0	.6	.2	.5	.1
Shipments to--									
Mountain	64	100.0	41.7	54.2	3.6	.3	-	.2	-
Pacific	450	100.0	33.0	51.8	13.8	.2	.3	.7	.2
	(millions of ton-miles)								
TON-MILES									
U.S. total	5,307	100.0	34.5	57.0	5.5	.6	.5	1.6	.3
New England, total	752	100.0	34.6	59.0	2.7	.3	1.2	2.1	.1
Shipments to--									
New England	25	100.0	2.7	86.5	10.1	.1	-	.2	.4
Middle Atlantic	73	100.0	8.1	88.4	2.0	.1	.4	.2	.8
East North Central	128	100.0	10.5	75.0	5.3	.7	-	8.4	.1
West North Central	53	100.0	16.9	74.8	3.9	.6	-	3.8	-
South Atlantic	98	100.0	11.0	80.4	7.8	.1	.4	.3	-
Pacific	273	100.0	72.5	26.5	-	.2	.1	.7	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 10--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Rubber and Plastics Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
Middle Atlantic, total	863	100.0	34.1	60.9	2.4	0.3	0.1	1.5	0.7
Shipments to--									
New England	22	100.0	6.8	89.9	2.1	.1	-	1.1	-
Middle Atlantic	51	100.0	6.6	87.0	5.8	.1	-	.5	-
East North Central	174	100.0	17.2	77.4	3.7	.3	-	1.4	-
West North Central	55	100.0	36.2	61.4	.3	.7	-	1.4	-
South Atlantic	119	100.0	30.4	62.7	6.2	.2	-	.5	-
East South Central	62	100.0	18.5	77.4	3.1	.8	-	.2	-
West South Central	82	100.0	23.4	74.0	-	.3	.3	2.0	-
Pacific	273	100.0	59.8	34.7	.6	.2	.1	2.4	2.2
East North Central, total	1,645	100.0	28.6	63.7	3.4	.6	.1	3.0	.6
Shipments to--									
New England	81	100.0	34.1	62.2	.6	.2	-	2.9	-
Middle Atlantic	211	100.0	13.1	80.5	4.2	.6	.2	.2	1.2
East North Central	307	100.0	16.8	72.8	8.5	.2	-	.3	1.4
West North Central	179	100.0	37.6	57.6	2.3	.2	-	.4	1.9
South Atlantic	167	100.0	22.1	71.7	4.9	.4	-	.9	-
East South Central	83	100.0	21.6	72.8	5.4	-	-	.2	-
West South Central	127	100.0	29.7	67.1	2.0	.7	-	.5	-
Pacific	394	100.0	47.0	40.7	.1	1.3	.1	10.8	-
East South Central, total	506	100.0	45.8	47.3	6.7	-	-	.2	-
Shipments to--									
East North Central	128	100.0	63.6	31.5	4.7	.1	-	.1	-
South Atlantic	56	100.0	32.2	62.8	4.9	-	-	.1	-
East South Central	20	100.0	39.0	55.7	4.0	-	-	.3	1.0
Pacific, total	404	100.0	43.1	51.3	2.6	1.9	.9	.2	-
Shipments to--									
Mountain	37	100.0	40.9	55.8	2.7	.4	-	.2	-
Pacific	101	100.0	38.3	53.6	2.7	1.6	3.5	.2	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 10--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Rubber and Plastics Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	10,057	892	3,391	5,774	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	5,307	389	1,869	3,049
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	25.5	.5	14.5	35.8	34.5	1.0	25.0	44.5
Motor carrier.....	63.5	81.1	67.6	58.4	57.0	89.8	62.1	49.8
Private truck.....	9.2	16.6	15.9	4.0	5.5	5.8	8.9	3.3
Air.....	.3	1.1	.3	.2	.6	2.6	.4	.4
Water.....	.2	-	.4	.1	.5	.3	.8	.3
Other.....	.8	.6	1.2	.7	1.6	.5	2.8	1.1
Unknown.....	.5	.1	.1	.8	.3	-	-	.6
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	18.2	27.0	20.6	15.4	1.8	3.0	1.8	1.6
100 to 199 miles.....	15.3	20.3	14.5	15.0	4.3	6.8	3.8	4.2
200 to 299 miles.....	10.2	9.5	11.9	9.4	4.8	5.4	5.2	4.4
300 to 399 miles.....	9.0	8.4	6.9	10.3	5.9	6.9	4.4	6.8
400 to 499 miles.....	8.6	6.8	6.2	10.3	7.3	6.9	5.0	8.8
500 to 999 miles.....	25.0	16.1	24.4	26.6	33.2	26.7	32.6	34.5
1,000 miles and over.....	13.7	11.9	15.5	13.0	42.7	44.3	47.2	39.7

Table 8. SHIPPER GROUP 10--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Rubber and Plastics Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	40.9	36.3	40.4	85.0
Highway facilities.....	91.4	95.2	84.0	89.6
Rail and highway facilities.....	35.9	32.7	33.2	76.2
Air facilities.....	82.2	86.1	74.6	80.1
Rail, highway, and air facilities.....	30.7	30.8	22.9	64.1
Water facilities.....	17.2	15.4	21.0	17.3
Rail, highway, air, and water facilities.	10.4	11.1	8.6	12.8

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 101--Percent Distribution of Distance, by Means of Transport: 1967

Tires and Inner Tubes

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	4,143	100.0	45.3	47.9	6.1	-	-	0.2	0.5
Under 50 miles	230	100.0	49.9	39.0	8.3	-	0.1	.9	1.8
50 to 99 miles	382	100.0	50.8	43.9	5.3	-	-	-	-
100 to 199 miles	652	100.0	41.0	49.9	8.8	-	-	.1	.2
200 to 299 miles	314	100.0	21.8	72.6	5.1	-	-	-	.5
300 to 399 miles	474	100.0	29.4	66.0	2.7	0.2	-	.1	1.6
400 to 499 miles	403	100.0	50.5	46.3	2.8	-	-	.1	.3
500 to 599 miles	433	100.0	50.8	38.2	10.9	-	-	.1	-
600 to 799 miles	481	100.0	40.8	50.0	7.7	-	-	.6	.9
800 to 999 miles	245	100.0	42.2	49.8	8.0	-	-	-	-
1,000 to 1,499 miles	312	100.0	57.7	37.8	4.4	-	-	.1	-
1,500 miles and over	217	100.0	86.6	13.0	.1	.3	-	-	-
TON-MILES	(millions of ton-miles)								
Total	2,129	100.0	53.3	41.0	5.1	.1	-	.2	.3
Under 50 miles	6	100.0	47.0	41.6	8.5	-	.1	1.4	1.4
50 to 99 miles	28	100.0	49.5	45.3	5.2	-	-	-	-
100 to 199 miles	95	100.0	38.4	51.8	9.5	-	-	.1	.2
200 to 299 miles	79	100.0	22.1	73.1	4.3	-	-	-	.5
300 to 399 miles	164	100.0	30.3	65.3	2.5	.2	-	.1	1.6
400 to 499 miles	184	100.0	51.5	45.3	2.9	-	-	.1	.2
500 to 599 miles	237	100.0	50.7	38.0	11.2	-	-	.1	-
600 to 799 miles	330	100.0	40.7	49.6	8.1	-	-	.6	1.0
800 to 999 miles	219	100.0	41.6	50.8	7.6	-	-	-	-
1,000 to 1,499 miles	376	100.0	57.4	38.4	4.1	-	-	.1	-
1,500 miles and over	411	100.0	87.0	12.5	.1	.3	.1	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 101--Percent Distribution of Weight, by Means of Transport: 1967

Tires and Inner Tubes

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,097	100.0	45.8	48.1	5.4	0.7
Under 1,000 pounds	129	100.0	.6	92.7	3.9	2.8
Under 50 pounds	1	100.0	2.3	65.4	3.5	28.8
50 to 99 pounds	5	100.0	.6	88.6	2.7	8.1
100 to 199 pounds	12	100.0	.8	90.3	2.8	6.1
200 to 499 pounds	42	100.0	.7	93.5	3.7	2.1
500 to 999 pounds	69	100.0	.5	93.4	4.3	1.8
1,000 to 9,999 pounds	543	100.0	1.3	94.0	4.1	.6
1,000 to 1,999 pounds	98	100.0	1.6	92.3	4.6	1.5
2,000 to 2,999 pounds	89	100.0	1.5	95.3	2.7	.5
3,000 to 3,999 pounds	65	100.0	-	96.0	4.0	-
4,000 to 4,999 pounds	64	100.0	1.0	93.3	4.1	1.6
5,000 to 9,999 pounds	227	100.0	1.5	93.8	4.5	.2
10,000 to 29,999 pounds	1,352	100.0	22.7	63.5	13.1	.7
10,000 to 19,999 pounds	442	100.0	14.7	74.6	8.6	2.1
20,000 to 29,999 pounds	910	100.0	26.6	58.1	15.3	-
30,000 to 59,999 pounds	1,836	100.0	73.2	25.3	.8	.7
30,000 to 39,999 pounds	1,121	100.0	68.7	29.3	1.2	.8
40,000 to 49,999 pounds	461	100.0	75.0	24.5	.3	.2
50,000 to 59,999 pounds	254	100.0	89.9	9.1	-	1.0
60,000 to 89,999 pounds	194	100.0	93.2	6.8	-	-
60,000 to 69,999 pounds	96	100.0	98.2	1.8	-	-
70,000 to 79,999 pounds	51	100.0	77.3	22.7	-	-
80,000 to 89,999 pounds	47	100.0	100.0	-	-	-
90,000 pounds and over	43	100.0	84.3	15.7	-	-
TON-MILES	(millions of ton-miles)					
Total	2,099	100.0	54.0	41.4	4.0	.6
Under 1,000 pounds	59	100.0	.9	92.3	3.3	3.5
Under 50 pounds	1	100.0	2.0	72.5	2.5	23.0
50 to 99 pounds	2	100.0	.7	85.6	2.0	11.7
100 to 199 pounds	6	100.0	.8	90.2	1.9	7.1
200 to 499 pounds	19	100.0	1.3	91.6	2.6	4.5
500 to 999 pounds	31	100.0	.6	94.1	4.0	1.3
1,000 to 9,999 pounds	243	100.0	2.2	93.7	3.3	.8
1,000 to 1,999 pounds	44	100.0	1.4	93.0	2.7	2.9
2,000 to 2,999 pounds	38	100.0	2.4	96.1	1.2	.3
3,000 to 3,999 pounds	25	100.0	-	97.7	2.3	-
4,000 to 4,999 pounds	29	100.0	4.1	92.3	2.0	1.6
5,000 to 9,999 pounds	107	100.0	2.4	92.7	4.9	-
10,000 to 29,999 pounds	599	100.0	29.6	58.5	11.3	.6
10,000 to 19,999 pounds	191	100.0	20.0	73.0	5.2	1.8
20,000 to 29,999 pounds	408	100.0	34.1	51.8	14.1	-
30,000 to 59,999 pounds	1,014	100.0	77.6	21.3	.6	.5
30,000 to 39,999 pounds	499	100.0	72.5	25.7	1.2	.6
40,000 to 49,999 pounds	333	100.0	78.8	21.1	-	.1
50,000 to 59,999 pounds	182	100.0	89.3	9.7	-	1.0
60,000 to 89,999 pounds	174	100.0	89.5	10.5	-	-
60,000 to 69,999 pounds	80	100.0	97.7	2.3	-	-
70,000 to 79,999 pounds	49	100.0	66.4	33.6	-	-
80,000 to 89,999 pounds	45	100.0	100.0	-	-	-
90,000 pounds and over	10	100.0	79.0	21.0	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 101--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Tires and Inner Tubes

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,097	100.0	45.8	48.1	5.4	0.7
Under 200 miles	1,261	100.0	45.8	46.1	7.5	.6
Under 1,000 pounds	41	100.0	.8	90.1	6.4	2.7
1,000 to 9,999 pounds	172	100.0	1.9	90.1	7.5	.5
10,000 to 29,999 pounds	394	100.0	21.6	59.3	17.8	1.3
30,000 to 59,999 pounds	613	100.0	73.0	25.4	1.4	.2
60,000 to 89,999 pounds	10	100.0	100.0	-	-	-
90,000 pounds and over	31	100.0	100.0	-	-	-
200 to 399 miles	782	100.0	26.6	68.6	3.4	1.4
Under 1,000 pounds	33	100.0	.1	95.3	1.2	3.4
1,000 to 9,999 pounds	139	100.0	.7	99.1	.1	.1
10,000 to 29,999 pounds	336	100.0	15.4	76.8	7.8	-
30,000 to 59,999 pounds	261	100.0	57.4	39.1	-	3.5
60,000 to 89,999 pounds	6	100.0	100.0	-	-	-
90,000 pounds and over	7	100.0	-	100.0	-	-
400 to 599 miles	828	100.0	51.3	42.0	6.5	.2
Under 1,000 pounds	22	100.0	-	95.2	2.5	2.3
1,000 to 9,999 pounds	85	100.0	.1	95.8	2.5	1.6
10,000 to 29,999 pounds	295	100.0	22.1	60.4	17.5	-
30,000 to 59,999 pounds	340	100.0	80.2	19.8	-	-
60,000 pounds and over	86	100.0	100.0	-	-	-
600 to 999 miles	703	100.0	42.6	51.3	5.1	1.0
Under 1,000 pounds	21	100.0	1.6	91.1	5.7	1.6
1,000 to 9,999 pounds	102	100.0	-	94.7	5.1	.2
10,000 to 29,999 pounds	235	100.0	22.8	65.0	10.3	1.9
30,000 to 59,999 pounds	316	100.0	68.6	29.0	1.6	.8
60,000 to 89,999 pounds	23	100.0	100.0	-	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-
1,000 miles and over	523	100.0	70.2	27.9	1.7	.2
Under 1,000 pounds	12	100.0	1.0	92.1	2.1	4.8
1,000 to 9,999 pounds	44	100.0	5.9	88.3	4.4	1.4
10,000 to 29,999 pounds	92	100.0	56.1	38.5	5.4	-
30,000 to 59,999 pounds	306	100.0	84.0	15.5	.5	-
60,000 pounds and over	69	100.0	80.8	19.2	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,099	100.0	54.0	41.4	4.0	.6
Under 200 miles	129	100.0	41.4	49.8	8.4	.4
Under 1,000 pounds	4	100.0	1.1	93.6	3.9	1.4
1,000 to 9,999 pounds	18	100.0	1.2	92.4	6.0	.4
10,000 to 29,999 pounds	40	100.0	20.8	56.5	22.3	.4
30,000 to 59,999 pounds	62	100.0	64.7	34.1	.9	.3
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	4	100.0	100.0	-	-	-
200 to 399 miles	242	100.0	27.9	67.8	2.9	1.4
Under 1,000 pounds	10	100.0	.2	94.5	1.3	4.0
1,000 to 9,999 pounds	42	100.0	.6	99.2	.1	.1
10,000 to 29,999 pounds	105	100.0	17.1	76.2	6.7	-
30,000 to 59,999 pounds	81	100.0	58.0	38.3	-	3.7
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	-	100.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 101--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Tires and Inner Tubes

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	416	100.0	51.6	41.1	7.1	0.2
Under 1,000 pounds	11	100.0	.1	94.9	2.7	2.3
1,000 to 9,999 pounds	42	100.0	.1	95.8	2.6	1.5
10,000 to 29,999 pounds	149	100.0	22.1	59.0	18.9	-
30,000 to 59,999 pounds	171	100.0	81.0	19.0	-	-
60,000 pounds and over	43	100.0	100.0	-	-	-
600 to 999 miles	532	100.0	42.4	51.6	5.0	1.0
Under 1,000 pounds	16	100.0	1.6	91.1	5.6	1.7
1,000 to 9,999 pounds	76	100.0	-	94.9	5.0	.1
10,000 to 29,999 pounds	177	100.0	21.9	66.0	10.2	1.9
30,000 to 59,999 pounds	240	100.0	68.2	29.3	1.7	.8
60,000 to 89,999 pounds	19	100.0	100.0	-	-	-
90,000 pounds and over	4	100.0	100.0	-	-	-
1,000 miles and over	780	100.0	73.4	25.1	1.2	.3
Under 1,000 pounds	18	100.0	1.1	90.2	2.5	6.2
1,000 to 9,999 pounds	65	100.0	7.2	87.9	3.2	1.7
10,000 to 29,999 pounds	128	100.0	62.0	33.9	4.1	-
30,000 to 59,999 pounds	460	100.0	86.4	13.2	.4	-
60,000 pounds and over	109	100.0	83.3	16.7	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 101--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Tires and Inner Tubes

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,143	100.0	45.3	47.9	6.1	-	-	0.2	0.5
Middle Atlantic	343	100.0	32.8	66.1	1.1	-	-	-	-
East North Central	1,567	100.0	44.8	50.5	3.3	0.1	-	.2	1.1
West North Central	395	100.0	52.0	46.8	1.2	-	-	-	-
East South Central	699	100.0	51.0	48.0	.9	-	-	-	.1
West South Central	368	100.0	52.5	35.1	11.7	-	-	.7	-
Pacific[1]	392	100.0	53.9	43.9	1.8	-	-	.2	.2
Balance of United States[2]	379	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,129	100.0	53.3	41.0	5.1	.1	-	.2	.3
Middle Atlantic	144	100.0	54.4	44.0	1.6	-	-	-	-
East North Central	712	100.0	54.2	42.5	2.0	.2	-	.2	.9
West North Central	234	100.0	56.6	41.8	1.5	-	0.1	-	-
East South Central	378	100.0	52.3	46.9	.7	-	-	-	.1
West South Central	277	100.0	56.8	30.6	11.9	-	-	.7	-
Pacific[1]	224	100.0	57.1	42.6	.2	-	-	.1	-
Balance of United States[2]	160	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 101--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Tires and Inner Tubes

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	4,143	4,143	132	529	1,261	526	441	363	291	116	484
Ton-miles.....millions..	2,129	2,129	74	234	427	264	222	137	208	104	459
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	4,143	100.0	3.2	12.8	30.4	12.7	10.6	8.8	7.0	2.8	11.7
Shipments from--											
Middle Atlantic	343	100.0	5.0	32.5	22.7	7.7	15.8	7.5	4.6	1.1	3.1
East North Central	1,567	100.0	4.2	13.0	44.8	12.3	9.5	5.2	3.7	1.5	5.8
West North Central	395	100.0	3.7	6.5	26.6	25.2	3.3	9.3	13.2	4.7	7.5
East South Central	699	100.0	1.0	6.8	27.8	17.5	15.4	14.5	10.7	1.2	5.1
West South Central	368	100.0	.3	10.9	18.9	15.0	13.8	11.6	12.1	3.9	13.5
Pacific[2]	392	100.0	.1	.2	4.2	5.1	2.0	.8	9.5	11.8	66.3
Balance of U.S.[3]	379	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	2,129	100.0	3.5	11.0	20.1	12.4	10.4	6.5	9.8	4.9	21.4
Shipments from--											
Middle Atlantic	144	100.0	3.6	7.8	14.8	16.1	12.7	11.9	12.9	3.8	16.4
East North Central	712	100.0	5.5	11.3	15.6	13.3	10.3	5.8	7.9	4.7	25.6
West North Central	234	100.0	6.7	11.0	20.0	9.8	4.2	9.6	13.3	7.4	18.0
East South Central	378	100.0	2.0	11.0	26.9	16.0	11.5	4.8	8.8	2.6	16.4
West South Central	277	100.0	.5	17.5	20.3	8.9	14.7	5.9	3.1	3.7	25.4
Pacific[2]	224	100.0	.4	.7	15.4	12.9	6.9	2.4	21.4	12.3	27.6
Balance of U.S.[3]	160	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 101--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Tires and Inner Tubes

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,143	100.0	45.3	47.9	6.1	-	-	0.2	0.5
East North Central, total	1,567	100.0	44.8	50.5	3.3	0.1	-	.2	1.1
Shipments to--									
Middle Atlantic	204	100.0	19.9	72.6	3.4	.4	-	-	3.7
East North Central	701	100.0	44.9	49.8	4.3	-	-	.3	.7
West North Central	193	100.0	56.3	38.7	2.6	-	-	.1	2.3
South Atlantic	149	100.0	31.0	65.0	3.9	-	-	.1	-
East South Central, total	699	100.0	51.0	48.0	.9	-	-	-	.1
Shipments to--									
South Atlantic	108	100.0	34.8	65.2	-	-	-	-	-
Pacific, total	392	100.0	53.9	43.9	1.8	-	-	.2	.2
Shipments to--									
Pacific	260	100.0	52.3	44.3	2.8	-	-	.3	.3
TON-MILES	(millions of ton-miles)								
U.S. total	2,129	100.0	53.3	41.0	5.1	.1	-	.2	.3
East North Central, total	712	100.0	54.2	42.5	2.0	.2	-	.2	.9
Shipments to-									
Middle Atlantic	81	100.0	24.9	69.0	2.6	.3	-	-	3.2
East North Central	111	100.0	39.4	58.1	1.9	-	-	.1	.5
West North Central	95	100.0	50.3	42.4	3.6	-	-	.2	3.5
South Atlantic	73	100.0	33.6	60.9	5.4	-	-	.1	-
East South Central, total	378	100.0	52.3	46.9	.7	-	-	-	.1
Shipments to--									
South Atlantic	43	100.0	23.0	77.0	-	-	-	-	-
Pacific, total	224	100.0	57.1	42.6	.2	-	-	.1	-
Shipments to--									
Pacific	62	100.0	45.7	53.3	.8	-	-	.1	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 101--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Tires and Inner Tubes

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	4,143	47	716	3,380	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,129	11	406	1,712
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	45.3	.1	33.3	48.4	53.3	.1	45.5	55.4
Motor carrier.....	47.9	85.4	41.2	48.8	41.0	94.5	34.4	42.3
Private truck.....	6.1	14.2	25.1	2.0	5.1	4.4	19.6	1.7
Air.....	-	.1	-	.1	.1	.5	-	.1
Water.....	-	-	-	-	-	.1	-	-
Other.....	.2	.2	.4	.1	.2	.4	.5	.1
Unknown.....	.5	-	-	.6	.3	-	-	.4
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	14.8	41.1	8.2	15.8	1.6	8.1	1.1	1.7
100 to 199 miles.....	15.7	23.7	21.1	14.5	4.5	13.5	5.3	4.2
200 to 299 miles.....	7.6	12.0	6.2	7.8	3.7	13.3	2.6	3.9
300 to 399 miles.....	11.4	9.8	8.4	12.1	7.7	14.4	5.0	8.3
400 to 499 miles.....	9.7	1.6	7.8	10.3	8.6	2.9	6.3	9.2
500 to 999 miles.....	28.1	7.9	33.1	27.1	37.0	22.5	41.8	35.8
1,000 miles and over.....	12.7	3.9	15.2	12.4	36.9	25.3	37.9	36.9

Table 8. SHIPPER CLASS 101--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Tires and Inner Tubes

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	68.6	25.0	80.0	97.6
Highway facilities	74.2	50.0	76.6	93.8
Rail and highway facilities	58.9	25.0	56.7	91.5
Air facilities	82.3	100.0	63.4	83.5
Rail, highway, and air facilities	49.5	25.0	43.4	77.4
Water facilities	7.5	-	-	21.2
Rail, highway, air, and water facilities	6.7	-	-	18.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 102--Percent Distribution of Distance, by Means of Transport: 1967

Rubber Footwear

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	295	100.0	5.6	77.7	6.1	0.2	3.1	7.3	-
Under 100 miles	32	100.0	16.9	49.6	32.8	-	-	.7	-
100 to 199 miles	32	100.0	-	76.4	22.9	-	-	.7	-
200 to 299 miles	44	100.0	.6	99.3	-	-	-	.1	-
300 to 499 miles	26	100.0	.3	98.7	.1	.3	-	.6	-
500 to 799 miles	56	100.0	6.9	87.7	-	.6	.8	4.0	-
800 to 1,199 miles	63	100.0	.5	64.1	-	.2	11.1	24.1	-
1,200 miles and over	42	100.0	15.3	72.1	-	.2	4.2	8.2	-
TON-MILES	(millions of ton-miles)								
Total	211	100.0	8.4	74.9	.8	.2	5.0	10.7	-
Under 100 miles	1	100.0	8.5	42.5	48.2	-	-	.8	-
100 to 199 miles	5	100.0	-	80.6	18.7	-	-	.7	-
200 to 299 miles	10	100.0	.5	99.4	-	-	-	.1	-
300 to 499 miles	9	100.0	.2	98.9	.1	.3	-	.5	-
500 to 799 miles	36	100.0	7.2	87.6	-	.6	.9	3.7	-
800 to 1,199 miles	61	100.0	.5	65.1	-	.2	12.8	21.4	-
1,200 miles and over	89	100.0	16.6	71.4	-	.2	2.8	9.0	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 102--Percent Distribution of Weight, by Means of Transport: 1967

Rubber Footwear

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	295	100.0	5.6	77.7	6.1	10.6
Under 1,000 pounds	44	100.0	4.2	81.4	2.2	12.2
Under 50 pounds	1	100.0	6.5	32.6	3.8	57.1
50 to 99 pounds	2	100.0	4.0	57.4	2.8	35.8
100 to 199 pounds	6	100.0	2.8	80.4	.6	16.2
200 to 499 pounds	15	100.0	3.0	83.1	2.0	11.9
500 to 999 pounds	20	100.0	5.5	85.5	2.7	6.3
1,000 to 9,999 pounds	128	100.0	2.5	85.7	5.7	6.1
1,000 to 1,999 pounds	26	100.0	4.8	80.4	7.4	7.4
2,000 to 2,999 pounds	23	100.0	1.2	87.7	6.7	4.4
3,000 to 3,999 pounds	19	100.0	3.1	82.2	1.7	13.0
4,000 to 4,999 pounds	8	100.0	-	85.8	7.6	6.6
5,000 to 9,999 pounds	52	100.0	2.1	88.6	5.7	3.6
10,000 to 29,999 pounds	108	100.0	8.7	65.6	8.9	16.8
10,000 to 19,999 pounds	62	100.0	6.4	77.8	2.0	13.8
20,000 to 29,999 pounds	46	100.0	11.7	49.4	18.1	20.8
30,000 to 59,999 pounds	15	100.0	13.3	86.7	-	-
30,000 to 39,999 pounds	7	100.0	-	100.0	-	-
40,000 to 59,999 pounds	8	100.0	26.5	73.5	-	-
60,000 pounds and over	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)					
Total	211	100.0	8.4	74.9	.8	15.9
Under 1,000 pounds	33	100.0	9.7	66.5	.4	23.4
Under 50 pounds	1	100.0	14.2	21.5	4.2	60.1
50 to 99 pounds	2	100.0	6.4	38.5	1.5	53.6
100 to 199 pounds	5	100.0	4.4	61.7	.1	33.8
200 to 499 pounds	11	100.0	7.3	68.7	.1	23.9
500 to 999 pounds	14	100.0	13.8	72.4	.3	13.5
1,000 to 9,999 pounds	80	100.0	8.6	78.5	.8	12.1
1,000 to 1,999 pounds	16	100.0	14.6	69.7	1.2	14.5
2,000 to 2,999 pounds	15	100.0	4.9	82.5	.7	11.9
3,000 to 3,999 pounds	14	100.0	8.5	71.5	.3	19.7
4,000 to 4,999 pounds	6	100.0	-	84.9	1.0	14.1
5,000 to 9,999 pounds	29	100.0	9.0	83.3	1.0	6.7
10,000 to 29,999 pounds	67	100.0	3.9	70.4	1.3	24.4
10,000 to 19,999 pounds	49	100.0	5.0	77.6	.1	17.3
20,000 to 29,999 pounds	18	100.0	.7	50.2	4.7	44.4
30,000 to 59,999 pounds	31	100.0	16.1	83.9	-	-
30,000 to 39,999 pounds	11	100.0	-	100.0	-	-
40,000 to 59,999 pounds	20	100.0	25.5	74.5	-	-
60,000 pounds and over	-	-	-	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 102--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Rubber Footwear

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	295	100.0	5.6	77.7	6.1	10.6
Under 200 miles	65	100.0	8.4	63.1	27.8	.7
Under 1,000 pounds	9	100.0	.1	85.2	9.8	4.9
1,000 to 9,999 pounds	25	100.0	-	69.8	30.2	-
10,000 to 29,999 pounds	30	100.0	18.2	49.3	32.5	-
30,000 pounds and over	1	100.0	-	100.0	-	-
200 to 399 miles	66	100.0	.5	99.2	-	.3
Under 1,000 pounds	8	100.0	1.1	96.5	.3	2.1
1,000 to 9,999 pounds	41	100.0	-	100.0	-	-
10,000 to 29,999 pounds	15	100.0	1.5	98.5	-	-
30,000 pounds and over	2	100.0	-	100.0	-	-
400 to 599 miles	22	100.0	.2	89.8	.1	9.9
Under 1,000 pounds	5	100.0	.8	89.6	.3	9.3
1,000 to 9,999 pounds	11	100.0	-	95.5	-	4.5
10,000 pounds and over	6	100.0	-	80.6	-	19.4
600 to 999 miles	72	100.0	5.8	74.7	-	19.5
Under 1,000 pounds	9	100.0	1.8	86.1	.1	12.0
1,000 to 9,999 pounds	29	100.0	1.1	96.1	-	2.8
10,000 to pounds and over	34	100.0	10.8	53.5	-	35.7
1,000 miles and over	70	100.0	9.2	70.3	-	20.5
Under 1,000 pounds	12	100.0	12.9	60.3	.2	26.6
1,000 to 9,999 pounds	24	100.0	12.3	60.1	-	27.6
10,000 to 29,999 pounds	22	100.0	-	79.4	-	20.6
30,000 pounds and over	12	100.0	16.9	83.1	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	211	100.0	8.4	74.9	.8	15.9
Under 200 miles	6	100.0	2.1	71.3	25.9	.7
Under 1,000 pounds	1	100.0	-	88.5	6.7	4.8
1,000 to 9,999 pounds	2	100.0	-	73.6	26.4	-
10,000 to 29,999 pounds	3	100.0	4.7	63.2	32.1	-
30,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	18	100.0	.4	99.3	-	.3
Under 1,000 pounds	2	100.0	1.1	96.2	.3	2.4
1,000 to 9,999 pounds	11	100.0	-	100.0	-	-
10,000 to 29,999 pounds	4	100.0	1.1	98.9	-	-
30,000 pounds and over	1	100.0	-	100.0	-	-
400 to 599 miles	12	100.0	.2	89.1	.1	10.6
Under 1,000 pounds	3	100.0	.9	89.2	.2	9.7
1,000 to 9,999 pounds	6	100.0	-	95.2	-	4.8
10,000 pounds and over	3	100.0	-	79.1	-	20.9

See footnote at end of table.

TABLE 3. SHIPPER CLASS 102--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Rubber Footwear

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
600 to 999 miles	57	100.0	5.0	74.3	-	20.7
Under 1,000 pounds	8	100.0	1.9	85.4	0.1	12.6
1,000 to 9,999 pounds	23	100.0	1.2	96.3	-	2.5
10,000 pounds and over	26	100.0	9.3	51.1	-	39.6
1,000 miles and over	118	100.0	12.4	70.3	-	17.3
Under 1,000 pounds	20	100.0	15.3	52.2	.2	32.3
1,000 to 9,999 pounds	37	100.0	17.8	58.5	-	23.7
10,000 to 29,999 pounds	31	100.0	-	82.6	-	17.4
30,000 pounds and over	30	100.0	16.3	83.7	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 102--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Rubber Footwear

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	295	100.0	5.6	77.7	6.1	0.2	3.1	7.3	-
New England	100	100.0	8.9	58.4	16.3	-	.2	16.2	-
Middle Atlantic	62	100.0	.8	91.5	2.0	-	.3	5.4	-
Balance of United States[1]	133	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	211	100.0	8.4	74.9	.8	.2	5.0	10.7	-
New England	80	100.0	10.2	68.5	1.9	.1	.4	18.9	-
Middle Atlantic	26	100.0	1.7	84.0	.3	-	.9	13.1	-
Balance of United States[1]	105	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 102--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Rubber Footwear

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	295	295	55	65	49	17	44	19	15	2	29
Ton-miles.....millions..	211	211	21	23	29	15	22	16	15	4	66
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	295	100.0	18.6	22.2	16.5	5.8	14.8	6.4	5.1	0.8	9.8
Shipments from--											
New England.....	100	100.0	34.6	17.0	19.0	3.6	3.2	1.5	3.0	.4	17.7
Middle Atlantic.....	62	100.0	10.6	46.7	17.4	2.7	13.0	1.4	1.4	1.5	5.3
Balance of U.S.[2].....	133	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	211	100.0	9.6	10.8	13.8	7.2	10.4	7.6	7.1	2.0	31.5
Shipments from--											
New England.....	80	100.0	3.3	5.1	18.7	4.9	2.8	1.8	5.5	1.2	56.7
Middle Atlantic.....	26	100.0	9.1	20.3	15.8	5.5	9.6	1.4	3.6	6.5	28.2
Balance of U.S.[2].....	105	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 102--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Rubber Footwear

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total.....	295	100.0	5.6	77.7	6.1	0.2	3.1	7.3	-
New England, total.....	100	100.0	8.9	58.4	16.3	-	.2	16.2	-
Shipments to--									
New England.....	34	100.0	15.7	37.2	46.9	-	-	.2	-
TON-MILES	(millions of ton-miles)								
U.S. total.....	211	100.0	8.4	74.9	.8	.2	5.0	10.7	-
New England, total.....	80	100.0	10.2	68.5	1.9	.1	.4	18.9	-
Shipments to--									
New England.....	3	100.0	4.9	36.2	58.8	-	-	.1	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 102--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Rubber Footwear

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	295	3	197	95	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	211	1	157	53
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	5.6	.5	2.8	11.4	8.4	3.0	3.3	23.6
Motor carrier.....	77.7	84.7	86.1	60.1	74.9	74.7	85.2	44.3
Private truck.....	6.1	1.3	4.0	10.6	.8	.3	.4	1.9
Air.....	.2	13.3	-	.3	.2	21.3	-	.5
Water.....	3.1	-	4.6	.2	5.0	-	6.6	.6
Other.....	7.3	.2	2.5	17.4	10.7	.6	4.5	29.1
Unknown.....	-	-	-	-	-	.1	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	10.8	22.6	3.9	24.8	.7	1.7	.4	1.8
100 to 199 miles.....	11.0	3.7	7.5	18.5	2.3	1.7	1.4	4.8
200 to 299 miles.....	14.8	31.2	18.3	7.0	4.9	19.7	5.3	3.1
300 to 399 miles.....	7.7	4.6	6.9	9.3	3.8	3.9	3.1	5.8
400 to 499 miles.....	.9	1.7	.8	1.1	.6	1.9	.5	.9
500 to 999 miles.....	31.0	28.8	34.4	24.2	31.7	42.7	30.7	34.6
1,000 miles and over.....	23.8	7.4	28.2	15.1	56.0	28.4	58.6	49.0

Table 8. SHIPPER CLASS 102--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Rubber Footwear

Shipping facilities available	All plants	Plants with–		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	53.4	20.0	47.5	77.7
Highway facilities	82.9	80.0	78.7	94.5
Rail and highway facilities	39.2	20.0	26.2	77.7
Air facilities	84.4	80.0	78.7	100.0
Rail, highway, and air facilities	37.8	-	26.2	77.7
Water facilities	2.8	-	-	10.9
Rail, highway, air, and water facilities.	2.8	-	-	10.9

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 21.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 103--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	2,605	100.0	9.6	77.3	10.3	0.4	0.3	1.2	0.9
Under 50 miles	282	100.0	4.2	70.4	24.7	.2	-	.4	.1
50 to 99 miles	289	100.0	1.9	84.5	10.8	-	-	.2	2.6
100 to 199 miles	484	100.0	4.0	82.0	12.8	.2	.3	.7	-
200 to 299 miles	318	100.0	5.3	78.4	11.2	.1	-	.3	4.7
300 to 399 miles	196	100.0	4.2	88.4	6.5	.5	-	.4	-
400 to 499 miles	220	100.0	6.4	85.2	7.3	.7	-	.4	-
500 to 599 miles	122	100.0	22.8	71.1	4.7	.5	-	.6	.3
600 to 799 miles	253	100.0	16.6	76.5	5.9	.5	-	.5	-
800 to 999 miles	128	100.0	16.2	78.9	4.2	.3	-	.4	-
1,000 to 1,199 miles	76	100.0	29.1	62.9	6.3	.9	.1	.7	-
1,200 to 1,499 miles	83	100.0	15.2	70.8	11.1	1.5	-	1.1	.3
1,500 to 1,999 miles	68	100.0	22.2	66.5	.4	1.5	8.0	1.4	-
2,000 miles and over	86	100.0	38.3	36.5	.5	1.0	1.5	22.2	-
TON-MILES	(millions of ton-miles)								
Total	1,210	100.0	18.8	69.6	5.7	.8	1.0	3.8	.3
Under 50 miles	8	100.0	3.2	71.1	25.1	.2	-	.4	-
50 to 99 miles	21	100.0	2.5	85.1	9.8	-	-	.2	2.4
100 to 199 miles	72	100.0	3.6	84.2	10.9	.2	.4	.7	-
200 to 299 miles	77	100.0	5.1	79.1	11.2	.1	-	.3	4.2
300 to 399 miles	68	100.0	3.8	88.8	6.5	.5	-	.4	-
400 to 499 miles	96	100.0	6.6	85.1	7.1	.7	-	.5	-
500 to 599 miles	67	100.0	22.9	71.2	4.6	.5	-	.6	.2
600 to 799 miles	173	100.0	16.3	76.3	6.4	.5	-	.5	-
800 to 999 miles	115	100.0	16.1	78.9	4.3	.3	-	.4	-
1,000 to 1,199 miles	82	100.0	29.4	62.5	6.2	1.0	.2	.7	-
1,200 to 1,499 miles	113	100.0	15.8	71.2	10.1	1.6	-	1.1	.2
1,500 to 1,999 miles	121	100.0	21.6	68.3	.3	1.5	6.9	1.4	-
2,000 miles and over	197	100.0	41.6	35.1	.5	.9	1.9	20.0	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 103--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	2,574	100.0	9.6	77.2	10.4	2.8
Under 1,000 pounds	284	100.0	1.1	85.3	8.1	5.5
Under 50 pounds	7	100.0	2.2	39.3	7.7	50.8
50 to 99 pounds	12	100.0	1.0	78.5	4.9	15.6
100 to 199 pounds	30	100.0	1.3	87.6	3.7	7.4
200 to 499 pounds	95	100.0	1.0	91.7	3.9	3.4
500 to 999 pounds	140	100.0	1.1	83.5	12.2	3.2
1,000 to 9,999 pounds	858	100.0	1.5	87.2	9.2	2.1
1,000 to 1,999 pounds	205	100.0	.4	90.7	6.0	2.9
2,000 to 2,999 pounds	137	100.0	.7	90.4	7.1	1.8
3,000 to 3,999 pounds	115	100.0	2.5	91.9	3.6	2.0
4,000 to 4,999 pounds	105	100.0	2.4	86.1	8.4	3.1
5,000 to 9,999 pounds	296	100.0	1.8	81.7	14.8	1.7
10,000 to 29,999 pounds	851	100.0	11.0	72.7	14.6	1.7
10,000 to 19,999 pounds	364	100.0	15.9	68.2	15.6	.3
20,000 to 29,999 pounds	487	100.0	7.4	76.2	13.9	2.5
30,000 to 59,999 pounds	447	100.0	15.2	69.8	9.2	5.8
30,000 to 39,999 pounds	283	100.0	7.2	69.1	14.5	9.2
40,000 to 49,999 pounds	100	100.0	21.1	78.9	-	-
50,000 to 59,999 pounds	64	100.0	41.3	58.7	-	-
60,000 to 89,999 pounds	61	100.0	35.8	64.2	-	-
60,000 to 69,999 pounds	15	100.0	75.4	24.6	-	-
70,000 to 79,999 pounds	15	100.0	65.5	34.5	-	-
80,000 to 89,999 pounds	31	100.0	3.1	96.9	-	-
90,000 pounds and over	73	100.0	65.2	34.8	-	-
TON-MILES	(millions of ton-miles)					
Total	1,196	100.0	18.9	69.4	5.7	6.0
Under 1,000 pounds	137	100.0	3.3	86.3	1.7	8.7
Under 50 pounds	4	100.0	4.1	43.3	5.3	47.3
50 to 99 pounds	7	100.0	2.0	75.1	2.7	20.2
100 to 199 pounds	16	100.0	3.9	83.1	1.4	11.6
200 to 499 pounds	47	100.0	3.5	89.5	.8	6.2
500 to 999 pounds	63	100.0	3.2	88.3	2.2	6.3
1,000 to 9,999 pounds	360	100.0	3.1	86.5	4.2	6.2
1,000 to 1,999 pounds	90	100.0	.7	87.3	2.6	9.4
2,000 to 2,999 pounds	58	100.0	1.5	91.8	3.5	3.2
3,000 to 3,999 pounds	56	100.0	6.3	88.4	1.5	3.8
4,000 to 4,999 pounds	44	100.0	2.6	81.1	3.9	12.4
5,000 to 9,999 pounds	112	100.0	4.4	84.5	7.4	3.7
10,000 to 29,999 pounds	390	100.0	19.6	64.0	10.1	6.3
10,000 to 19,999 pounds	167	100.0	31.3	61.0	6.8	.9
20,000 to 29,999 pounds	223	100.0	10.9	66.0	12.7	10.4
30,000 to 59,999 pounds	241	100.0	36.4	53.4	4.8	5.4
30,000 to 39,999 pounds	130	100.0	19.2	61.8	8.9	10.1
40,000 to 49,999 pounds	58	100.0	30.9	69.1	-	-
50,000 to 59,999 pounds	53	100.0	84.3	15.7	-	-
60,000 to 89,999 pounds	23	100.0	70.5	29.5	-	-
60,000 to 69,999 pounds	3	100.0	74.0	26.0	-	-
70,000 to 79,999 pounds	15	100.0	90.8	9.2	-	-
80,000 to 89,999 pounds	5	100.0	13.3	86.7	-	-
90,000 pounds and over	45	100.0	66.3	33.7	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 103--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	2,574	100.0	9.6	77.2	10.4	2.8
Under 200 miles	1,043	100.0	3.5	79.4	15.6	1.5
Under 1,000 pounds	106	100.0	.4	76.0	19.8	3.8
1,000 to 9,999 pounds	392	100.0	.4	84.5	13.8	1.3
10,000 to 29,999 pounds	327	100.0	4.9	75.8	19.0	.3
30,000 to 59,999 pounds	153	100.0	.4	78.9	16.8	3.9
60,000 to 89,999 pounds	48	100.0	30.8	69.2	-	-
90,000 pounds and over	17	100.0	20.4	79.6	-	-
200 to 399 miles	505	100.0	4.6	82.5	9.5	3.4
Under 1,000 pounds	65	100.0	.5	94.9	1.4	3.2
1,000 to 9,999 pounds	172	100.0	1.7	89.7	8.2	.4
10,000 to 29,999 pounds	168	100.0	2.3	80.6	16.7	.4
30,000 to 59,999 pounds	91	100.0	11.8	67.3	5.3	15.6
60,000 to 89,999 pounds	4	100.0	-	100.0	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-
400 to 599 miles	337	100.0	12.4	80.0	6.4	1.2
Under 1,000 pounds	40	100.0	.3	91.7	.6	7.4
1,000 to 9,999 pounds	105	100.0	1.6	92.5	4.7	1.2
10,000 to 29,999 pounds	144	100.0	21.6	70.8	7.6	-
30,000 to 59,999 pounds	42	100.0	12.5	74.1	13.4	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	5	100.0	70.1	29.9	-	-
600 to 999 miles	377	100.0	16.6	77.1	5.4	.9
Under 1,000 pounds	38	100.0	.7	91.6	1.6	6.1
1,000 to 9,999 pounds	100	100.0	1.9	92.4	4.4	1.3
10,000 to 29,999 pounds	117	100.0	14.9	72.7	12.4	-
30,000 to 59,999 pounds	86	100.0	13.6	85.5	.9	-
60,000 to 89,999 pounds	3	100.0	55.1	44.9	-	-
90,000 pounds and over	33	100.0	88.2	11.8	-	-
1,000 miles and over	312	100.0	26.4	58.5	4.7	10.4
Under 1,000 pounds	37	100.0	5.6	81.7	1.1	11.6
1,000 to 9,999 pounds	89	100.0	5.0	81.9	1.4	11.7
10,000 to 29,999 pounds	95	100.0	26.7	51.4	9.4	12.5
30,000 to 59,999 pounds	75	100.0	53.3	33.4	5.5	7.8
60,000 to 89,999 pounds	5	100.0	100.0	-	-	-
90,000 pounds and over	11	100.0	47.0	53.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	1,196	100.0	18.9	69.4	5.7	6.0
Under 200 miles	99	100.0	3.4	82.8	12.0	1.8
Under 1,000 pounds	9	100.0	.4	86.7	8.7	4.2
1,000 to 9,999 pounds	37	100.0	.6	88.3	9.4	1.7
10,000 to 29,999 pounds	32	100.0	2.8	79.1	17.7	.4
30,000 to 59,999 pounds	14	100.0	.6	82.1	14.3	3.0
60,000 to 89,999 pounds	6	100.0	27.3	72.7	-	-
90,000 pounds and over	1	100.0	54.6	45.4	-	-
200 to 399 miles	142	100.0	4.3	83.7	9.1	2.9
Under 1,000 pounds	19	100.0	.6	94.7	1.5	3.2
1,000 to 9,999 pounds	50	100.0	1.5	89.8	8.3	.4
10,000 to 29,999 pounds	47	100.0	2.1	82.9	14.5	.5
30,000 to 59,999 pounds	23	100.0	10.8	68.8	7.2	13.2
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 103--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Rubber Products and Reclaimed Rubber

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	161	100.0	13.4	79.2	6.2	1.2
Under 1,000 pounds	19	100.0	.3	91.8	.6	7.3
1,000 to 9,999 pounds	49	100.0	1.6	92.5	4.7	1.2
10,000 to 29,999 pounds	69	100.0	23.4	69.2	7.4	-
30,000 to 59,999 pounds	20	100.0	13.9	74.1	12.0	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	3	100.0	71.3	28.7	-	-
600 to 999 miles	285	100.0	16.4	77.1	5.6	.9
Under 1,000 pounds	29	100.0	.7	91.7	1.6	6.0
1,000 to 9,999 pounds	78	100.0	2.1	92.4	4.4	1.1
10,000 to 29,999 pounds	88	100.0	15.4	71.7	12.9	-
30,000 to 59,999 pounds	64	100.0	14.6	84.2	1.2	-
60,000 to 89,999 pounds	3	100.0	58.3	41.7	-	-
90,000 pounds and over	23	100.0	87.6	12.4	-	-
1,000 miles and over	509	100.0	29.2	55.2	3.5	12.1
Under 1,000 pounds	61	100.0	6.9	79.0	1.2	12.9
1,000 to 9,999 pounds	145	100.0	5.4	79.6	1.2	13.8
10,000 to 29,999 pounds	154	100.0	29.2	48.2	6.9	15.7
30,000 to 59,999 pounds	119	100.0	61.1	26.9	4.0	8.0
60,000 to 89,999 pounds	13	100.0	100.0	-	-	-
90,000 pounds and over	17	100.0	32.9	67.1	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 103--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	2,605	100.0	9.6	77.3	10.3	0.4	0.3	1.2	0.9
New England	487	100.0	12.9	75.9	9.2	.2	1.5	.2	.1
Middle Atlantic	384	100.0	10.4	83.9	4.5	.3	-	.9	-
East North Central	1,329	100.0	6.5	78.9	10.6	.4	-	1.9	1.7
West North Central	24	100.0	-	94.2	-	4.4	-	1.4	-
Pacific[1]	90	100.0	11.8	56.3	29.4	.1	1.4	1.0	-
Balance of United States[2]	291	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,210	100.0	18.8	69.6	5.7	.8	1.0	3.8	.3
New England	221	100.0	34.4	52.5	8.4	.4	4.0	.3	-
Middle Atlantic	209	100.0	17.7	76.0	3.3	.5	.1	2.4	-
East North Central	507	100.0	8.5	78.0	4.2	.8	-	7.7	.8
West North Central	16	100.0	-	94.2	-	4.4	-	1.4	-
Pacific[1]	41	100.0	29.7	57.2	4.5	.1	8.1	.4	-
Balance of United States[2]	216	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 103--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	2,605	2,605	215	451	988	165	322	108	123	34	199
Ton-miles.....millions..	1,210	1,210	28	146	263	105	150	72	126	40	280
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	2,605	100.0	8.3	17.3	37.9	6.3	12.4	4.2	4.7	1.3	7.6
Shipments from--											
New England	487	100.0	36.2	28.3	9.7	4.8	9.6	2.7	5.2	.2	3.3
Middle Atlantic	384	100.0	5.0	26.2	28.6	3.9	24.1	3.0	4.8	1.1	3.3
East North Central	1,329	100.0	1.3	12.5	57.5	6.7	7.9	4.4	3.2	1.2	5.3
West North Central	24	100.0	1.2	14.2	48.0	10.1	9.4	1.6	2.8	10.0	2.7
Pacific[2]	90	100.0	.4	1.9	4.9	2.4	.7	.8	4.9	6.0	78.0
Balance of U.S.[3]	291	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	1,210	100.0	2.4	12.1	21.7	8.7	12.4	5.9	10.4	3.3	23.1
Shipments from--											
New England	221	100.0	5.0	12.6	16.3	11.2	12.9	5.7	16.9	.8	18.6
Middle Atlantic	209	100.0	2.2	5.3	26.8	6.5	26.5	3.9	10.4	3.3	15.1
East North Central	507	100.0	2.0	12.0	23.7	8.4	8.8	5.1	7.6	4.6	27.8
West North Central	16	100.0	2.2	22.5	34.3	5.1	11.3	1.5	3.1	14.6	5.4
Pacific[2]	41	100.0	2.3	10.1	19.0	7.9	3.2	3.2	13.9	6.6	33.8
Balance of U.S.[3]	216	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 103--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	2,605	100.0	9.6	77.3	10.3	0.4	0.3	1.2	0.9
New England, total	487	100.0	12.9	75.9	9.2	.2	1.5	.2	.1
Shipments to--									
New England	177	100.0	2.6	88.1	8.7	.3	-	.1	.2
Middle Atlantic	138	100.0	6.5	85.5	6.6	-	1.2	.2	-
East North Central	47	100.0	11.5	69.9	17.7	.8	-	.1	-
Middle Atlantic, total	384	100.0	10.4	83.9	4.5	.3	-	.9	-
Shipments to--									
New England	19	100.0	-	96.8	2.9	.1	-	.2	-
Middle Atlantic	100	100.0	-	96.2	3.3	.1	.1	.3	-
East North Central	110	100.0	4.1	91.8	3.3	.3	-	.5	-
South Atlantic	92	100.0	31.0	60.6	8.0	.1	-	.3	-
East North Central, total	1,329	100.0	6.5	78.9	10.6	.4	-	1.9	1.7
Shipments to--									
Middle Atlantic	166	100.0	7.2	84.4	7.3	.6	.1	.4	-
East North Central	763	100.0	3.9	78.0	14.5	.2	-	.5	2.9
West North Central	89	100.0	8.2	85.7	4.2	.4	-	1.1	.4
South Atlantic	106	100.0	17.4	74.4	7.6	.4	-	.2	-
East South Central	59	100.0	2.5	89.5	7.7	-	-	.3	-
West South Central	42	100.0	21.6	76.8	.5	.2	-	.9	-
Pacific	71	100.0	7.7	64.5	.2	2.0	.1	25.5	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,210	100.0	18.8	69.6	5.7	.8	1.0	3.8	.3
New England, total	221	100.0	34.4	52.5	8.4	.4	4.0	.3	-
Shipments to--									
New England	11	100.0	3.9	86.6	8.2	.1	-	.2	1.0
Middle Atlantic	28	100.0	10.7	82.9	5.0	-	1.1	.3	-
East North Central	36	100.0	10.8	69.7	18.8	.6	-	.1	-
Middle Atlantic, total	209	100.0	17.7	76.0	3.3	.5	.1	2.4	-
Shipments to--									
New England	5	100.0	-	99.0	.6	.2	-	.2	-
Middle Atlantic	11	100.0	-	95.9	3.6	.2	-	.3	-
East North Central	56	100.0	3.5	92.7	2.7	.4	-	.7	-
South Atlantic	55	100.0	34.8	59.5	5.2	.2	-	.3	-
East North Central, total	507	100.0	8.5	78.0	4.2	.8	-	7.7	.8
Shipments to--									
Middle Atlantic	61	100.0	6.4	86.0	6.2	.8	.1	.5	-
East North Central	120	100.0	3.3	82.2	10.7	.3	-	.5	3.0
West North Central	42	100.0	8.9	88.3	1.0	.4	-	1.0	.4
South Atlantic	45	100.0	20.7	72.2	6.4	.4	-	.3	-
East South Central	26	100.0	4.2	92.9	2.7	-	-	.2	-
West South Central	38	100.0	21.2	77.3	.4	.2	-	.9	-
Pacific	141	100.0	7.4	64.5	.2	1.9	.1	25.9	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 103--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	2,605	214	865	1,526	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,210	67	344	799
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	9.6	-	2.6	14.9	18.8	-	5.4	26.2
Motor carrier.....	77.3	82.3	78.8	75.6	69.6	94.3	73.9	65.6
Private truck.....	10.3	16.4	15.9	6.3	5.7	4.3	9.1	4.4
Air.....	.4	.5	.1	.6	.8	.7	.1	1.0
Water.....	.3	-	.3	.4	1.0	-	1.1	1.1
Other.....	1.2	.8	2.3	.7	3.8	.7	10.4	1.2
Unknown.....	.9	-	-	1.5	.3	-	-	.5
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	22.0	41.1	28.2	15.7	2.4	4.5	3.8	1.7
100 to 199 miles.....	18.6	24.0	20.0	17.1	5.9	11.4	7.4	4.8
200 to 299 miles.....	12.2	8.7	12.6	12.5	6.4	6.8	7.7	5.7
300 to 399 miles.....	7.5	3.0	7.5	8.1	5.6	3.4	6.7	5.4
400 to 499 miles.....	8.4	4.8	6.7	9.9	8.0	6.7	7.3	8.4
500 to 999 miles.....	19.3	7.0	16.0	22.8	29.3	16.5	29.3	30.4
1,000 miles and over.....	12.0	11.4	9.0	13.9	42.4	50.7	37.8	43.6

Table 8. SHIPPER CLASS 103--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Rubber Products and Reclaimed Rubber

Shipping facilities available	All plants	Plants with—		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	55.1	50.0	51.2	84.5
Highway facilities	92.3	100.0	80.3	89.8
Rail and highway facilities	51.4	50.0	44.0	74.3
Air facilities	87.8	100.0	71.7	77.1
Rail, highway, and air facilities	45.0	50.0	29.0	61.9
Water facilities	14.4	10.0	22.0	14.2
Rail, highway, air, and water facilities	13.0	10.0	18.5	11.9

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.9 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 104--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Plastics Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	3,014	100.0	13.9	71.8	12.6	0.7	-	0.8	0.2
Under 50 miles	355	100.0	5.5	60.9	32.5	-	0.1	.9	.1
50 to 99 miles	257	100.0	3.4	79.3	16.3	.1	-	.8	.1
100 to 199 miles	367	100.0	6.5	74.4	17.9	.3	-	.8	.1
200 to 299 miles	354	100.0	9.1	81.8	8.5	.1	-	.4	.1
300 to 399 miles	209	100.0	9.3	80.9	8.3	.9	-	.5	.1
400 to 499 miles	240	100.0	26.6	58.4	13.6	.6	-	.4	.4
500 to 599 miles	180	100.0	32.4	54.6	10.4	1.2	-	1.4	-
600 to 799 miles	329	100.0	8.8	80.0	9.9	.9	-	.4	-
800 to 999 miles	253	100.0	8.5	87.1	2.6	.8	-	1.0	-
1,000 to 1,199 miles	107	100.0	5.2	85.3	7.2	2.1	-	.2	-
1,200 to 1,499 miles	70	100.0	9.0	82.5	5.5	1.8	-	.9	.3
1,500 to 1,999 miles	113	100.0	14.0	75.7	5.3	1.9	-	3.1	-
2,000 miles and over	180	100.0	64.8	31.2	.9	1.1	.2	.4	1.4
TON-MILES	(millions of ton-miles)								
Total	1,757	100.0	25.6	65.7	6.2	1.1	.1	.9	.4
Under 50 miles	10	100.0	4.2	63.8	30.9	-	.1	.9	.1
50 to 99 miles	20	100.0	3.8	78.6	16.6	-	-	.9	.1
100 to 199 miles	55	100.0	6.9	75.5	16.4	.3	-	.8	.1
200 to 299 miles	88	100.0	8.9	82.0	8.5	.2	-	.4	-
300 to 399 miles	74	100.0	9.1	81.0	8.4	.9	-	.5	.1
400 to 499 miles	106	100.0	27.0	58.2	13.4	.6	-	.4	.4
500 to 599 miles	99	100.0	32.4	54.6	10.5	1.1	-	1.4	-
600 to 799 miles	228	100.0	8.4	80.6	9.7	.9	-	.4	-
800 to 999 miles	230	100.0	8.2	87.5	2.5	.8	-	1.0	-
1,000 to 1,199 miles	116	100.0	5.3	85.2	7.2	2.1	-	.2	-
1,200 to 1,499 miles	91	100.0	9.1	82.3	5.7	1.8	-	.9	.2
1,500 to 1,999 miles	197	100.0	13.9	75.5	5.6	1.8	-	3.2	-
2,000 miles and over	443	100.0	65.3	30.6	.8	1.1	.4	.4	1.4

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 104--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Plastics Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	2,840	100.0	14.7	72.8	10.9	1.6
Under 1,000 pounds	423	100.0	1.6	85.6	7.8	5.0
Under 50 pounds	15	100.0	1.7	61.1	6.8	30.4
50 to 99 pounds	20	100.0	2.0	78.7	6.2	13.1
100 to 199 pounds	47	100.0	1.4	84.8	7.2	6.6
200 to 499 pounds	146	100.0	1.6	86.8	8.0	3.6
500 to 999 pounds	195	100.0	1.5	87.9	8.0	2.6
1,000 to 9,999 pounds	1,332	100.0	10.5	74.3	14.2	1.0
1,000 to 1,999 pounds	287	100.0	1.6	83.4	13.4	1.6
2,000 to 2,999 pounds	221	100.0	1.5	84.9	12.3	1.3
3,000 to 3,999 pounds	159	100.0	9.0	71.9	18.3	.8
4,000 to 4,999 pounds	156	100.0	15.7	67.3	15.7	1.3
5,000 to 9,999 pounds	509	100.0	18.3	67.4	13.6	.7
10,000 to 29,999 pounds	644	100.0	19.6	70.1	9.6	.7
10,000 to 19,999 pounds	341	100.0	20.4	65.5	13.9	.2
20,000 to 29,999 pounds	303	100.0	18.7	75.1	4.9	1.3
30,000 to 59,999 pounds	367	100.0	31.6	60.3	6.8	1.3
30,000 to 39,999 pounds	212	100.0	29.3	59.5	10.2	1.0
40,000 to 49,999 pounds	110	100.0	31.4	63.4	2.9	2.3
50,000 to 59,999 pounds	45	100.0	43.0	57.0	-	-
60,000 to 89,999 pounds	23	100.0	32.7	67.3	-	-
60,000 to 79,999 pounds	17	100.0	44.6	55.4	-	-
80,000 to 89,999 pounds	6	100.0	-	100.0	-	-
90,000 pounds and over	51	100.0	42.8	57.2	-	-
	(millions of ton-miles)					
TON-MILES						
Total	1,664	100.0	26.8	65.3	5.6	2.3
Under 1,000 pounds	216	100.0	4.5	85.6	2.3	7.6
Under 50 pounds	9	100.0	2.7	60.6	1.9	34.8
50 to 99 pounds	11	100.0	4.4	78.2	1.9	15.5
100 to 199 pounds	26	100.0	3.9	81.7	1.5	12.9
200 to 499 pounds	77	100.0	4.1	87.2	2.7	6.0
500 to 999 pounds	93	100.0	5.1	88.4	2.3	4.2
1,000 to 9,999 pounds	615	100.0	14.6	75.4	8.4	1.6
1,000 to 1,999 pounds	128	100.0	5.3	88.7	3.8	2.2
2,000 to 2,999 pounds	112	100.0	6.1	85.7	6.6	1.6
3,000 to 3,999 pounds	58	100.0	9.7	78.0	11.8	.5
4,000 to 4,999 pounds	64	100.0	20.2	65.6	8.9	5.3
5,000 to 9,999 pounds	253	100.0	22.9	65.9	10.6	.6
10,000 to 29,999 pounds	477	100.0	33.8	59.7	5.3	1.2
10,000 to 19,999 pounds	201	100.0	20.8	69.3	9.6	.3
20,000 to 29,999 pounds	276	100.0	43.2	52.9	2.1	1.8
30,000 to 59,999 pounds	253	100.0	48.7	43.7	4.7	2.9
30,000 to 39,999 pounds	131	100.0	45.6	46.0	7.4	1.0
40,000 to 49,999 pounds	73	100.0	41.8	47.2	2.8	8.2
50,000 to 59,999 pounds	49	100.0	67.4	32.6	-	-
60,000 to 89,999 pounds	23	100.0	44.2	55.8	-	-
60,000 to 79,999 pounds	19	100.0	53.5	46.5	-	-
80,000 to 89,999 pounds	4	100.0	-	100.0	-	-
90,000 pounds and over	80	100.0	65.8	34.2	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 104--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Plastics Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	2,840	100.0	14.7	72.8	10.9	1.6
Under 200 miles	902	100.0	5.8	74.9	18.2	1.1
Under 1,000 pounds	151	100.0	.1	80.5	16.2	3.2
1,000 to 9,999 pounds	503	100.0	4.2	72.3	22.3	1.2
10,000 to 29,999 pounds	157	100.0	12.7	74.4	12.9	-
30,000 to 59,999 pounds	86	100.0	12.6	79.1	8.3	-
60,000 pounds and over	5	100.0	-	100.0	-	-
200 to 399 miles	539	100.0	9.5	80.8	8.8	.9
Under 1,000 pounds	93	100.0	.1	91.0	5.5	3.4
1,000 to 9,999 pounds	277	100.0	9.6	77.1	12.6	.7
10,000 to 29,999 pounds	120	100.0	16.3	77.6	6.1	-
30,000 pounds and over	49	100.0	10.7	89.2	.1	-
400 to 599 miles	406	100.0	30.0	57.1	11.4	1.5
Under 1,000 pounds	50	100.0	1.1	90.5	3.0	5.4
1,000 to 9,999 pounds	184	100.0	29.0	60.3	9.9	.8
10,000 to 29,999 pounds	87	100.0	23.1	49.0	27.9	-
30,000 to 59,999 pounds	80	100.0	54.1	40.3	2.9	2.7
60,000 pounds and over	5	100.0	100.0	-	-	-
600 to 999 miles	560	100.0	8.9	82.9	6.8	1.4
Under 1,000 pounds	66	100.0	2.8	89.6	1.7	5.9
1,000 to 9,999 pounds	229	100.0	9.5	83.4	6.7	.4
10,000 to 29,999 pounds	138	100.0	7.4	85.8	4.7	2.1
30,000 to 59,999 pounds	92	100.0	17.8	65.5	16.7	-
60,000 to 89,999 pounds	6	100.0	-	100.0	-	-
90,000 pounds and over	29	100.0	-	100.0	-	-
1,000 miles and over	433	100.0	33.0	60.7	2.9	3.4
Under 1,000 pounds	63	100.0	6.3	83.0	1.0	9.7
1,000 to 9,999 pounds	138	100.0	12.3	78.9	5.9	2.9
10,000 to 29,999 pounds	142	100.0	39.8	56.3	2.7	1.2
30,000 to 59,999 pounds	61	100.0	66.5	29.4	-	4.1
60,000 to 89,999 pounds	7	100.0	39.0	61.0	-	-
90,000 pounds and over	22	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	1,664	100.0	26.8	65.3	5.6	2.3
Under 200 miles	77	100.0	6.5	79.5	12.8	1.2
Under 1,000 pounds	13	100.0	.1	90.2	6.5	3.2
1,000 to 9,999 pounds	43	100.0	5.9	76.0	16.9	1.2
10,000 to 29,999 pounds	13	100.0	14.3	77.2	8.5	-
30,000 to 59,999 pounds	7	100.0	6.7	84.2	9.1	-
60,000 pounds and over	1	100.0	-	100.0	-	-
200 to 399 miles	155	100.0	9.4	80.7	8.8	1.1
Under 1,000 pounds	26	100.0	.2	90.2	6.0	3.6
1,000 to 9,999 pounds	80	100.0	9.6	76.9	12.7	.8
10,000 to 29,999 pounds	35	100.0	16.0	78.4	5.6	-
30,000 pounds and over	14	100.0	8.7	91.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 104--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Plastics Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	198	100.0	30.6	56.6	11.3	1.5
Under 1,000 pounds	24	100.0	1.0	91.0	2.8	5.2
1,000 to 9,999 pounds	90	100.0	29.3	59.8	10.1	.8
10,000 to 29,999 pounds	43	100.0	24.6	48.3	27.1	-
30,000 to 59,999 pounds	38	100.0	54.5	39.3	2.9	3.3
60,000 pounds and over	3	100.0	100.0	-	-	-
600 to 999 miles	440	100.0	8.6	83.8	6.2	1.4
Under 1,000 pounds	50	100.0	2.8	89.9	1.7	5.6
1,000 to 9,999 pounds	180	100.0	9.5	83.9	6.2	.4
10,000 to 29,999 pounds	111	100.0	7.5	85.4	4.7	2.4
30,000 to 59,999 pounds	68	100.0	16.2	69.0	14.8	-
60,000 to 89,999 pounds	4	100.0	-	100.0	-	-
90,000 pounds and over	27	100.0	-	100.0	-	-
1,000 miles and over	794	100.0	41.4	52.6	2.6	3.4
Under 1,000 pounds	102	100.0	7.8	80.1	1.1	11.0
1,000 to 9,999 pounds	223	100.0	16.3	74.2	6.3	3.2
10,000 to 29,999 pounds	275	100.0	49.0	48.0	1.9	1.1
30,000 to 59,999 pounds	126	100.0	71.4	23.8	-	4.8
60,000 to 89,999 pounds	16	100.0	48.7	51.3	-	-
90,000 pounds and over	52	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 104--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Plastics Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	3,014	100.0	13.9	71.8	12.6	0.7	-	0.8	0.2
New England	467	100.0	13.9	85.1	.4	.4	-	.1	.1
Middle Atlantic	793	100.0	19.5	68.9	9.9	.3	-	1.1	.3
East North Central	982	100.0	9.8	74.9	13.8	.4	-	1.1	-
West North Central	107	100.0	5.0	78.7	11.2	2.7	0.2	.8	1.4
South Atlantic	124	100.0	1.4	91.7	5.9	.7	-	.3	-
West South Central	155	100.0	6.6	50.0	41.3	2.0	-	.1	-
Pacific[1]	194	100.0	13.4	66.2	17.4	2.1	-	.8	.1
Balance[2]	192	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,757	100.0	25.6	65.7	6.2	1.1	.1	.9	.4
New England	390	100.0	40.1	59.3	.1	.4	-	-	.1
Middle Atlantic	484	100.0	37.0	58.1	2.4	.3	-	1.0	1.2
East North Central	401	100.0	9.9	81.7	5.0	.8	.1	2.5	-
West North Central	56	100.0	2.9	85.1	4.1	4.4	1.9	.3	1.3
South Atlantic	49	100.0	3.2	88.5	7.3	.8	-	.2	-
West South Central	113	100.0	3.4	65.4	28.9	2.2	-	.1	-
Pacific[1]	137	100.0	24.8	63.7	5.8	5.3	.2	.2	-
Balance of United States[2]	127	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 104--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Plastics Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	3,014	3,014	199	586	855	219	347	190	168	93	357
Ton-miles.....millions..	1,757	1,757	79	173	307	127	200	101	138	75	557
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	3,014	100.0	6.6	19.4	28.3	7.3	11.5	6.3	5.6	3.1	11.9
Shipments from--											
New England.....	467	100.0	18.2	27.8	14.4	4.6	12.9	3.6	2.7	.4	15.4
Middle Atlantic.....	793	100.0	6.2	34.5	22.9	2.4	12.1	5.8	4.4	.7	11.0
East North Central.....	982	100.0	3.9	12.3	48.0	9.6	10.5	4.8	3.3	3.8	3.8
West North Central.....	107	100.0	1.9	17.5	27.4	26.4	4.0	8.7	8.8	3.0	2.3
South Atlantic.....	124	100.0	7.3	8.8	6.9	13.9	25.7	30.4	6.4	.1	.5
West South Central.....	155	100.0	3.4	9.4	16.1	6.7	14.4	9.9	26.5	3.4	10.2
Pacific[2].....	194	100.0	1.4	2.0	8.4	4.0	3.9	2.5	11.0	6.4	60.4
Balance of U.S.[3].....	192	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	1,757	100.0	4.5	9.9	17.5	7.2	11.4	5.7	7.9	4.3	31.6
Shipments from--											
New England.....	390	100.0	2.4	6.7	12.9	6.2	14.2	4.0	5.3	1.0	47.3
Middle Atlantic.....	484	100.0	2.1	4.9	19.1	3.5	8.8	7.6	8.5	2.0	43.5
East North Central.....	401	100.0	7.8	16.2	18.4	9.9	10.8	3.8	6.4	9.7	17.0
West North Central.....	56	100.0	3.7	31.3	18.6	9.5	6.8	8.7	8.5	5.0	7.9
South Atlantic.....	49	100.0	8.1	6.7	8.8	23.5	18.1	22.2	9.2	.3	3.1
West South Central.....	113	100.0	7.0	16.0	18.9	4.8	15.3	6.3	9.7	3.8	18.2
Pacific[2].....	137	100.0	5.0	6.9	21.4	8.1	11.9	6.0	18.4	4.6	17.7
Balance of U.S.[3].....	127	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 104--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Plastics Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	3,014	100.0	13.9	71.8	12.6	0.7	-	0.8	0.2
New England, total	467	100.0	13.9	85.1	.4	.4	-	.1	.1
Shipments to--									
New England	85	100.0	-	98.2	1.5	.1	-	.2	-
Middle Atlantic	130	100.0	2.1	96.6	.5	.3	-	.1	.4
East North Central	67	100.0	.4	98.1	-	1.3	-	-	.2
Middle Atlantic, total	793	100.0	19.5	68.9	9.9	.3	-	1.1	.3
Shipments to--									
New England	49	100.0	5.7	82.6	7.9	.1	-	3.7	-
Middle Atlantic	274	100.0	5.9	71.3	21.6	.1	-	1.1	-
East North Central	182	100.0	26.1	66.9	5.6	.4	-	1.0	-
South Atlantic	96	100.0	23.5	71.1	4.7	.2	-	.5	-
Pacific	87	100.0	59.4	36.2	.6	.1	-	.8	2.9
East North Central, total	982	100.0	9.8	74.9	13.8	.4	-	1.1	-
Shipments to--									
Middle Atlantic	121	100.0	6.3	87.3	5.5	.5	-	.4	-
East North Central	471	100.0	7.1	73.3	18.9	.2	0.1	.3	.1
West North Central	94	100.0	38.3	60.3	.8	.4	-	.2	-
South Atlantic	104	100.0	6.2	64.4	26.4	.7	-	2.3	-
East South Central	47	100.0	11.0	74.6	14.1	.2	-	.1	-
Pacific	38	100.0	10.4	78.1	.3	1.9	.2	9.1	-
Pacific, total	194	100.0	13.4	66.2	17.4	2.1	-	.8	.1
Shipments to--									
Pacific	117	100.0	7.6	65.1	25.1	.7	.1	1.2	.2
	(millions of ton-miles)								
TON-MILES									
U.S. total	1,757	100.0	25.6	65.7	6.2	1.1	.1	.9	.4
New England, total	390	100.0	40.1	59.3	.1	.4	-	-	.1
Shipments to--									
New England	9	100.0	-	99.2	.7	-	-	.1	-
Middle Atlantic	26	100.0	1.7	97.4	.1	.2	-	.1	.5
East North Central	50	100.0	.4	98.3	-	1.2	-	-	.1
Middle Atlantic, total	484	100.0	37.0	58.1	2.4	.3	-	1.0	1.2
Shipments to--									
New England	10	100.0	11.6	81.6	4.3	.1	-	2.4	-
Middle Atlantic	24	100.0	6.6	81.7	10.6	.1	-	1.0	-
East North Central	93	100.0	24.7	68.5	5.4	.3	-	1.1	-
South Atlantic	43	100.0	31.6	62.7	5.0	.3	-	.4	-
Pacific	211	100.0	59.4	36.1	.6	.1	-	.9	2.9
East North Central, total	401	100.0	9.9	81.7	5.0	.8	.1	2.5	-
Shipments to--									
Middle Atlantic	65	100.0	5.8	88.7	4.6	.6	-	.3	-
East North Central	73	100.0	5.6	78.7	15.2	.2	-	.3	-
West North Central	40	100.0	39.2	59.3	.8	.5	-	.2	-
South Atlantic	43	100.0	7.0	85.8	3.1	.9	-	3.2	-
East South Central	15	100.0	15.3	76.6	7.8	.2	-	.1	-
Pacific	68	100.0	10.7	77.9	.3	1.9	.4	8.8	-
Pacific, total	137	100.0	24.8	63.7	5.8	5.3	.2	.2	-
Shipments to--									
Pacific	25	100.0	29.5	57.5	5.0	6.6	1.0	.4	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 104--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Plastics Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	3,014	628	1,613	773	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,757	310	961	486
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	13.9	.7	13.9	24.7	25.6	1.3	27.0	38.4
Motor carrier.....	71.8	80.3	71.3	66.3	65.7	88.8	65.6	51.0
Private truck.....	12.6	17.0	13.4	7.5	6.2	6.2	5.7	7.3
Air.....	.7	1.4	.5	.3	1.1	3.0	.8	.4
Water.....	-	-	-	-	.1	.3	.1	-
Other.....	.8	.5	.8	.9	.9	.4	.7	1.6
Unknown.....	.2	.1	.1	.3	.4	-	.1	1.3
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	20.3	20.9	24.1	11.9	1.7	2.4	1.7	1.2
100 to 199 miles.....	12.2	18.8	9.4	12.6	3.1	5.6	2.4	3.1
200 to 299 miles.....	11.7	9.6	13.2	10.5	5.0	4.8	5.5	4.2
300 to 399 miles.....	6.9	10.2	5.8	6.7	4.2	7.4	3.4	3.7
400 to 499 miles.....	8.0	7.9	5.9	12.3	6.1	7.0	4.4	8.8
500 to 999 miles.....	25.3	19.8	24.0	32.4	31.7	29.1	30.2	36.3
1,000 miles and over.....	15.6	12.8	17.6	13.6	48.2	43.7	52.4	42.7

Table 8. SHIPPER CLASS 104--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Plastics Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	33.9	33.0	32.8	75.5
Highway facilities	92.5	95.4	86.3	82.1
Rail and highway facilities	29.0	28.4	28.0	62.7
Air facilities	80.1	82.1	76.1	73.4
Rail, highway, and air facilities	24.4	26.0	18.8	47.7
Water facilities	19.4	17.3	24.1	22.9
Rail, highway, air, and water facilities.	10.1	11.8	6.3	9.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

Shipper Group 11

Lumber and Wood Products, Except Furniture

112 Lumber and dimension stock

113 Millwork, veneer, plywood, and prefabricated structural wood products

114 Wooden containers and miscellaneous wood products

SAMPLE SIZE

The sample for this shipper group consisted of 361 establishments, of which 309 were in scope and provided data from 37,115 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (52 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 11 and their related SIC industries are as follows:

Shipper Class 112.--Lumber and dimension stock
- SIC 2421.--Sawmills and planing mills, general
- SIC 2426.--Hardwood dimension and flooring mills
- SIC 2429.--Special product sawmills, n.e.c.

Shipper Class 113.--Millwork, veneer, plywood, and prefabricated structural wood products
- SIC 2431.--Millwork
- SIC 2432.--Veneer and plywood
- SIC 2433.--Prefabricated wooden buildings and structural members

Shipper Class 114.--Wooden containers and miscellaneous wood products
- SIC 2441.--Nailed and lock corner wooden boxes and shook
- SIC 2442.--Wirebound boxes and crates
- SIC 2443.--Veneer and plywood containers, except boxes and crates
- SIC 2445.--Cooperage
- SIC 2491.--Wood preserving
- SIC 2499.--Wood products, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
112--Lumber and dimension stock	2411,2421,2429	2421,2426,2429
113--Millwork, veneer, plywood, and prefabricated structural wood products . .	2431,2432,2433	2431,2432,2433
114--Wooden containers and miscellaneous wood products	2441,2491,2492,2493, 2494,2495,2496,2497, 2498,2499	2441,2442,2443,2445, 2491,2499

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 85 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 11	61,859	100.0	85.0	15.0
Class 112	38,714	100.0	84.9	15.1
Class 113	12,227	100.0	85.3	14.7
Class 114	10,918	100.0	85.2	14.8

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Lumber and Wood Products, Except Furniture Shipper Group shipped (beyond the local area) about 61,859,000 tons of commodities during 1967. Those shipments generated about 47 billion ton-miles by all means of transport combined, averaging about 754 straight-line miles per ton shipped.

As shown in table A, the Lumber and Dimension Stock Shipper Class accounted for more than 60 percent of the total tons in this group. The Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products Shipper Class accounted for 20 percent and the Wooden Containers and Miscellaneous Wood Products Shipper Class accounted for 18 percent.

Rails were the dominant means of transport for the shipper group and for each of the shipper classes. For the shipper group and each of the shipper classes except Wooden Containers and Miscellaneous Wood Products, rail transported over 50 percent of the total tons. For the Wooden Containers and Miscellaneous Wood Products Shipper Class, 39 percent moved by rail and 38 percent moved by private truck.

When measured in terms of ton-miles rather than tons, the "all other" means of transport (primarily water) showed an increase while rail, motor carrier and private truck showed slight decreases. Of the 47 billion ton-miles for the shipper group, rails accounted for 36 billion, motor carrier for 2.6 billion, private truck for 3 billion, and all other transport accounted for almost 5 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1967 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 22 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the Lumber and Wood Products, Except Furniture Shipper Group and each of the shipper classes for both years. An increase for the shipper group is indicated in the table, from 54.6 million tons in 1963 to 61.9 million in 1967. An increase is also shown for each of the shipper classes.

As shown in table C, the relative distribution of tons by all means of transport for the two years is stable. Among the shipper classes, the rail share remained about the same for both years, except for Wooden Containers and Miscellaneous Wood Products, where an apparent loss of about 12 percent in 1967 is offset by the increase in the private truck share. Private trucks are the second most important means of transport and their share remains fairly constant in both years.

There is a general tendency toward longer hauls in 1967 for the shipper group and for each of the shipper classes by all means of transport combined, as shown in table D. It should be noted that average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 11: Lumber and wood products, except furniture	61,859	33,048	8,303	17,315	3,193
Shipper Classes:					
112. Lumber and dimension stock	38,714	20,044	4,438	11,141	3,091
113. Millwork, veneer, plywood and prefabricated structural wood products	12,227	8,702	1,511	1,980	34
114. Wooden containers and miscellaneous wood products	10,918	4,301	2,354	4,194	69
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 11: Lumber and wood products, except furniture	46,658	36,284	2,583	3,090	4,701
Shipper Classes:					
112. Lumber and dimension stock	27,486	19,430	1,418	2,027	4,611
113. Millwork, veneer, plywood, and prefabricated structural wood products	13,934	13,068	473	368	25
114. Wooden containers and miscellaneous wood products	5,238	3,786	691	695	66

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 11: Lumber and wood products, except furniture	61,859	54,648	70,380
Shipper Classes:			
112. Lumber and dimension stock	38,714	37,328	49,912
113. Millwork, veneer, plywood, and prefabricated structural wood products	12,227	10,326	10,668
114. Wooden containers and miscellaneous wood products	10,918	6,994	9,800

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 11: Lumber and wood products, except furniture:					
1967	100.0	53.5	13.4	28.0	5.1
1963	100.0	53.7	14.4	29.7	2.2
Shipper Classes					
112. Lumber and dimension stock:					
1967	100.0	51.7	11.5	28.8	8.0
1963	100.0	51.1	14.2	32.2	2.5
113. Millwork, veneer, plywood, and prefabricated structural wood products:					
1967	100.0	71.1	12.4	16.2	.3
1963	100.0	68.7	8.0	21.3	2.0
114. Wooden containers and miscellaneous wood products:					
1967	100.0	39.4	21.6	38.4	.6
1963	100.0	51.3	22.5	25.7	.5
TON-MILES					
Shipper Group 11: Lumber and wood products, except furniture:					
1967	100.0	77.8	5.5	6.6	10.1
1963	100.0	83.8	6.7	6.9	2.6
112. Lumber and dimension stock:					
1967	100.0	70.6	5.2	7.4	16.8
1963	100.0	81.3	6.8	8.3	3.6
113. Millwork, veneer, plywood, and prefabricated structural wood products:					
1967	100.0	93.9	3.4	2.6	.1
1963	100.0	93.7	2.8	2.4	1.1
114. Wooden containers and miscellaneous wood products:					
1967	100.0	72.4	13.2	13.3	1.1
1963	100.0	71.7	17.7	10.0	.6

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 11: Lumber and wood products except furniture:				
1967	754	1,098	311	178
1963	590	920	274	137
SHIPPER CLASSES				
112. Lumber and dimension stock:				
1967	710	969	320	182
1963	531	844	254	137
113. Millwork, veneer, plywood and prefabricated structural wood products:				
1967	1,140	1,502	313	186
1963	1,060	1,446	372	119
114. Wooden containers and miscellaneous wood products:				
1967	480	880	294	166
1963	378	528	297	147

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 11: Lumber and Wood Products, Except Furniture

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	53.6	13.1	28.0	5.3
1963	100.0	61.0	12.1	25.1	1.8
Distance (straight-line miles)					
Under 200 miles:					
1967	100.0	23.6	18.1	53.8	4.5
1963	100.0	45.4	10.7	41.9	2.0
200 to 599 miles:					
1967	100.0	48.9	19.6	31.0	.5
1963	100.0	45.5	26.8	27.6	.1
600 miles and over:					
1967	100.0	83.3	4.9	3.1	8.7
1963	100.0	92.1	4.3	1.2	2.4
Weight					
Under 1,000 pounds:					
1967	100.0	1.8	80.2	14.8	3.2
1963	100.0	.5	41.2	54.8	3.5
1,000 to 9,999 pounds:					
1967	100.0	4.8	44.8	49.7	.7
1963	100.0	2.4	33.7	63.2	.7
10,000 to 29,999 pounds:					
1967	100.0	12.1	19.8	66.7	1.4
1963	100.0	5.9	17.8	75.8	.5
30,000 to 59,999 pounds:					
1967	100.0	20.5	25.0	53.7	.8
1963	100.0	21.4	28.4	49.0	1.2
60,000 to 89,999 pounds:					
1967	100.0	92.7	1.4	4.3	1.6
1963	100.0	94.1	2.5	3.1	.3
90,000 pounds and over:					
1967	100.0	75.3	3.9	4.5	16.3
1963	100.0	90.5	.7	4.2	4.6

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 11: Lumber and Wood Products, Except Furniture

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	53.5	13.4	28.0	5.1
1963	100.0	53.7	14.4	29.7	2.2
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	44.0	24.0	32.0	-
20 to 99 employees:					
1967	100.0	43.8	14.6	36.2	5.4
1963	100.0	43.6	12.7	43.6	.1
100 to 499 employees:					
1967	100.0	59.7	13.6	21.7	5.0
1963	100.0	63.1	8.9	22.5	5.5
500 employees and over:					
1967	100.0	79.7	5.8	10.3	4.2
1963	100.0	74.2	21.1	4.4	.3

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 11: Lumber and Wood Products, Except Furniture

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	53.5	13.4	28.0	5.1
1963	100.0	53.7	14.4	29.7	2.2
South Atlantic:					
1967	100.0	23.1	18.6	58.1	.2
1963	100.0	42.9	7.9	49.1	.1
East South Central:					
1967	100.0	40.6	13.5	45.8	.1
1963	100.0	48.8	31.5	19.5	.2
West South Central:					
1967	100.0	46.1	22.0	31.8	.1
1963	100.0	34.0	21.9	44.1	-
Mountain:					
1967	100.0	78.6	11.9	9.5	-
1963	100.0	51.5	6.8	41.7	-
Pacific:					
1967	100.0	66.2	9.2	14.6	10.0
1963	100.0	70.4	9.7	15.0	4.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 11: LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE		
Total shipments	61,859	9.2
Shipments by--		
Rail	33,048	11.2
Motor carrier	8,303	13.8
Private truck	17,315	11.4
All other	3,193	-
Shipments from--		
New England Division	640	36.4
Middle Atlantic Division	2,000	50.0
East North Central Division	3,539	19.4
West North Central Division	1,951	47.2
South Atlantic Division	7,004	23.0
East South Central Division	4,894	20.0
West South Central Division	5,239	29.8
Mountain Division	5,325	31.4
Pacific Division	31,267	17.6
SHIPPER CLASS 112: LUMBER AND DIMENSION STOCK		
Total shipments	38,714	15.0
Shipments by--		
Rail	20,044	16.4
Motor carrier	4,438	21.2
Private truck	11,141	19.0
All other	3,091	-
Shipments from--		
South Atlantic Division	3,221	41.6
East South Central Division	2,800	35.2
West South Central Division	3,392	39.2
Mountain Division	4,995	28.6
Pacific Division	20,925	26.4
Balance of United States	3,381	-
SHIPPER CLASS 113: MILLWORK, VENEER, PLYWOOD, AND PREFABRICATED STRUCTURAL WOOD PRODUCTS		
Total shipments	12,227	12.4
Shipments by--		
Rail	8,702	16.0
Motor carrier	1,511	19.8
Private truck	1,980	15.8
All other	34	-
Shipments from--		
New England Division	79	50.0
Middle Atlantic Division	127	45.8
East North Central Division	1,472	23.0
South Atlantic Division	1,006	31.2
East South Central Division	766	58.4
West South Central Division	333	53.4
Pacific Division	8,024	19.6
Balance of United States	420	-
SHIPPER CLASS 114: WOODEN CONTAINERS AND MISCELLANEOUS WOOD PRODUCTS		
Total shipments	10,918	18.0
Shipments by--		
Rail	4,301	32.8
Motor carrier	2,354	34.4
Private truck	4,194	19.2
All other	69	-
Shipments from--		
New England Division	254	47.8
Middle Atlantic Division	384	41.4
East North Central Division	1,630	35.6
South Atlantic Division	2,777	33.2
East South Central Division	1,328	35.0
West South Central Division	1,514	49.0
Pacific Division	2,318	63.8
Balance of United States	713	-

TABLE 1. SHIPPER GROUP 11--Percent Distribution of Distance, by Means of Transport: 1967

Lumber and Wood Products, Except Furniture

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	61,859	100.0	53.5	13.4	28.0	-	5.0	-	0.1
Under 50 miles	6,257	100.0	3.9	17.5	71.4	-	7.0	-	.2
50 to 99 miles	7,087	100.0	27.6	22.9	47.2	-	2.2	-	.1
100 to 199 miles	9,640	100.0	33.1	16.9	46.0	-	3.9	-	.1
200 to 299 miles	5,582	100.0	32.0	21.3	46.1	-	.3	0.1	.2
300 to 399 miles	3,167	100.0	57.2	20.9	21.7	-	.1	-	.1
400 to 499 miles	2,392	100.0	53.0	20.1	25.9	-	-	.1	.9
500 to 599 miles	2,965	100.0	72.0	14.5	13.4	-	-	.1	-
600 to 799 miles	3,317	100.0	78.5	13.9	7.4	-	-	.1	.1
800 to 999 miles	2,597	100.0	72.4	8.9	4.4	-	14.3	-	-
1,000 to 1,199 miles	2,214	100.0	71.1	11.9	17.0	-	-	-	-
1,200 to 1,499 miles	2,799	100.0	96.5	3.1	.4	-	-	-	-
1,500 to 1,999 miles	6,423	100.0	98.6	1.0	.4	-	-	-	-
2,000 miles and over	7,419	100.0	75.3	1.2	.1	-	23.4	-	-
TON-MILES	(millions of ton-miles)								
Total	46,658	100.0	77.8	5.5	6.6	-	10.0	-	.1
Under 50 miles	193	100.0	3.8	17.1	73.3	-	5.6	-	.2
50 to 99 miles	504	100.0	27.7	23.3	46.6	-	2.3	-	.1
100 to 199 miles	1,355	100.0	34.4	17.8	44.7	-	3.0	-	.1
200 to 299 miles	1,357	100.0	32.4	21.4	45.5	-	.4	.1	.2
300 to 399 miles	1,085	100.0	56.7	21.3	21.8	-	.1	-	.1
400 to 499 miles	1,070	100.0	53.5	19.9	25.7	-	-	.1	.8
500 to 599 miles	1,639	100.0	72.1	14.4	13.3	-	.1	.1	-
600 to 799 miles	2,273	100.0	78.6	13.8	7.4	-	-	.1	.1
800 to 999 miles	2,329	100.0	72.9	8.9	4.3	-	13.9	-	-
1,000 to 1,199 miles	2,427	100.0	71.1	11.7	17.2	-	-	-	-
1,200 to 1,499 miles	3,845	100.0	96.6	3.0	.4	-	-	-	-
1,500 to 1,999 miles	11,224	100.0	98.6	1.0	.4	-	-	-	-
2,000 miles and over	17,357	100.0	74.2	1.1	.1	-	24.6	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 11--Percent Distribution of Weight, by Means of Transport: , 1967

Lumber and Wood Products, Except Furniture

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	59,759	100.0	53.6	13.1	28.0	5.2	0.1
Under 1,000 pounds	272	100.0	1.8	80.2	14.8	.1	3.1
Under 50 pounds	5	100.0	1.5	36.4	13.8	-	48.3
50 to 99 pounds	11	100.0	1.1	71.8	15.3	.4	11.4
100 to 199 pounds	29	100.0	2.2	84.7	9.4	-	3.7
200 to 499 pounds	101	100.0	1.7	88.2	8.2	.1	1.8
500 to 999 pounds	126	100.0	1.9	75.4	21.3	-	1.4
1,000 to 9,999 pounds	1,266	100.0	4.8	44.8	49.7	.4	.3
1,000 to 1,999 pounds	164	100.0	1.6	67.3	30.6	.1	.4
2,000 to 2,999 pounds	135	100.0	1.8	58.1	39.5	.4	.2
3,000 to 3,999 pounds	127	100.0	2.4	55.9	40.6	-	1.1
4,000 to 4,999 pounds	147	100.0	2.4	50.0	45.4	1.8	.4
5,000 to 9,999 pounds	693	100.0	7.2	33.7	58.7	.3	.1
10,000 to 29,999 pounds	5,531	100.0	12.1	19.8	66.7	1.2	.2
10,000 to 19,999 pounds	2,287	100.0	7.1	22.9	68.8	1.0	.2
20,000 to 29,999 pounds	3,244	100.0	15.5	17.6	65.5	1.3	.1
30,000 to 59,999 pounds	20,308	100.0	20.5	25.0	53.7	.6	.2
30,000 to 39,999 pounds	6,103	100.0	13.7	26.7	59.0	.6	-
40,000 to 49,999 pounds	8,232	100.0	15.8	27.1	56.0	.8	.3
50,000 to 59,999 pounds	5,973	100.0	33.9	20.2	45.6	.2	.1
60,000 to 89,999 pounds	15,853	100.0	92.7	1.4	4.3	1.4	.2
60,000 to 69,999 pounds	3,808	100.0	84.9	3.1	10.3	1.1	.6
70,000 to 79,999 pounds	5,684	100.0	93.8	.6	3.0	2.6	-
80,000 to 89,999 pounds	6,361	100.0	96.6	1.0	1.8	.5	.1
90,000 pounds and over	16,529	100.0	75.3	3.9	4.5	16.3	-
TON-MILES	(millions of ton-miles)						
Total	45,771	100.0	77.6	5.5	6.6	10.2	.1
Under 1,000 pounds	122	100.0	4.1	87.8	3.0	.2	4.9
Under 50 pounds	3	100.0	3.6	36.6	1.3	-	58.5
50 to 99 pounds	5	100.0	2.7	79.7	1.8	1.4	14.4
100 to 199 pounds	14	100.0	5.4	86.8	1.5	-	6.3
200 to 499 pounds	50	100.0	3.4	90.9	1.4	.1	4.2
500 to 999 pounds	50	100.0	4.6	88.5	5.4	.1	1.4
1,000 to 9,999 pounds	406	100.0	12.5	63.1	20.4	3.3	.7
1,000 to 1,999 pounds	62	100.0	3.0	87.1	8.0	.8	1.1
2,000 to 2,999 pounds	40	100.0	4.6	76.8	12.6	5.1	.9
3,000 to 3,999 pounds	39	100.0	6.2	76.6	15.2	-	2.0
4,000 to 4,999 pounds	62	100.0	4.4	68.8	13.7	12.6	.5
5,000 to 9,999 pounds	203	100.0	20.7	48.8	28.7	1.4	.4
10,000 to 29,999 pounds	1,790	100.0	42.4	17.8	31.2	8.5	.1
10,000 to 19,999 pounds	628	100.0	30.2	23.5	36.2	9.9	.2
20,000 to 29,999 pounds	1,162	100.0	49.0	14.7	28.4	7.8	.1
30,000 to 59,999 pounds	8,476	100.0	54.8	18.0	25.2	2.0	-
30,000 to 39,999 pounds	1,914	100.0	48.5	21.4	26.9	3.2	-
40,000 to 49,999 pounds	3,622	100.0	43.4	23.1	30.9	2.4	.2
50,000 to 59,999 pounds	2,940	100.0	72.8	9.6	16.7	.8	.1
60,000 to 89,999 pounds	19,025	100.0	97.2	.3	.8	1.6	.1
60,000 to 69,999 pounds	3,678	100.0	95.6	.7	1.8	1.6	.3
70,000 to 79,999 pounds	7,282	100.0	96.2	.3	.6	2.9	-
80,000 to 89,999 pounds	8,065	100.0	98.8	.2	.4	.5	.1
90,000 pounds and over	15,952	100.0	72.7	1.5	.6	25.2	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 11--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Lumber and Wood Products, Except Furniture

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	59,759	100.0	53.6	13.1	28.0	5.2	0.1
Under 200 miles	21,829	100.0	23.6	18.1	53.8	4.4	.1
Under 1,000 pounds	108	100.0	-	63.7	34.4	.1	1.8
1,000 to 9,999 pounds	714	100.0	2.7	26.7	70.4	.1	.1
10,000 to 29,999 pounds	3,176	100.0	1.7	17.7	80.2	.2	.2
30,000 to 59,999 pounds	10,780	100.0	6.2	23.2	70.1	.4	.1
60,000 to 89,999 pounds	2,071	100.0	64.6	7.3	23.7	4.3	.1
90,000 pounds and over	4,980	100.0	61.6	9.6	12.0	16.7	.1
200 to 399 miles	8,406	100.0	39.6	21.2	38.6	.3	.3
Under 1,000 pounds	56	100.0	1.3	91.5	4.6	-	2.6
1,000 to 9,999 pounds	208	100.0	2.5	57.7	39.2	.3	.3
10,000 to 29,999 pounds	1,258	100.0	8.2	19.9	71.4	.1	.4
30,000 to 59,999 pounds	3,850	100.0	11.3	33.2	55.2	.1	.2
60,000 to 89,999 pounds	1,469	100.0	93.8	1.0	3.8	1.2	.2
90,000 pounds and over	1,565	100.0	91.0	3.9	5.1	-	-
400 to 599 miles	5,236	100.0	63.6	17.0	18.9	-	.5
Under 1,000 pounds	32	100.0	.9	94.0	1.2	-	3.9
1,000 to 9,999 pounds	119	100.0	6.2	71.3	22.4	-	.1
10,000 to 29,999 pounds	374	100.0	18.7	35.7	45.4	.1	.1
30,000 to 59,999 pounds	1,613	100.0	20.6	38.8	40.1	.1	.4
60,000 to 89,999 pounds	1,383	100.0	91.6	1.2	5.8	-	1.4
90,000 pounds and over	1,715	100.0	96.3	-	3.7	-	-
600 to 999 miles	5,733	100.0	75.6	11.9	5.9	6.5	.1
Under 1,000 pounds	49	100.0	4.4	91.7	.3	-	3.6
1,000 to 9,999 pounds	158	100.0	6.6	84.0	8.6	-	.8
10,000 to 29,999 pounds	311	100.0	40.0	39.2	20.8	-	-
30,000 to 59,999 pounds	1,374	100.0	58.4	24.5	16.4	.6	.1
60,000 to 89,999 pounds	1,900	100.0	97.6	.9	1.4	-	.1
90,000 pounds and over	1,941	100.0	79.4	1.5	.3	18.7	.1
1,000 miles and over	18,555	100.0	85.6	2.7	2.3	9.4	-
Under 1,000 pounds	26	100.0	6.8	86.0	.1	.3	6.8
1,000 to 9,999 pounds	67	100.0	29.0	57.8	4.8	6.9	1.5
10,000 to 29,999 pounds	412	100.0	76.5	7.3	2.1	14.0	.1
30,000 to 59,999 pounds	2,692	100.0	71.5	11.9	14.3	2.3	-
60,000 to 89,999 pounds	9,030	100.0	98.2	.2	.3	1.3	-
90,000 pounds and over	6,328	100.0	75.2	1.1	-	23.7	-
TON-MILES	(millions of ton-miles)						
Total[1]	45,771	100.0	77.6	5.5	6.6	10.2	.1
Under 200 miles	1,954	100.0	29.6	18.5	48.6	3.2	.1
Under 1,000 pounds	10	100.0	-	72.7	26.0	-	1.3
1,000 to 9,999 pounds	53	100.0	3.8	34.0	62.0	-	.2
10,000 to 29,999 pounds	258	100.0	2.6	18.9	78.4	-	.1
30,000 to 59,999 pounds	947	100.0	9.3	23.2	67.0	.4	.1
60,000 to 89,999 pounds	199	100.0	74.3	6.4	16.7	2.5	.1
90,000 pounds and over	487	100.0	68.4	11.4	9.0	11.2	-
200 to 399 miles	2,345	100.0	41.9	21.5	36.1	.3	.2
Under 1,000 pounds	16	100.0	1.4	91.4	4.4	-	2.8
1,000 to 9,999 pounds	58	100.0	2.4	59.3	37.6	.3	.4
10,000 to 29,999 pounds	323	100.0	10.3	22.3	67.0	.1	.3
30,000 to 59,999 pounds	1,060	100.0	12.2	33.9	53.6	.1	.2
60,000 to 89,999 pounds	422	100.0	94.4	.9	3.3	1.2	.2
90,000 pounds and over	466	100.0	90.2	4.3	5.5	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 11--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Lumber and Wood Products, Except Furniture

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	2,648	100.0	64.9	16.6	18.1	-	0.4
Under 1,000 pounds	16	100.0	1.0	93.8	1.1	-	4.1
1,000 to 9,999 pounds	59	100.0	5.8	72.2	21.9	-	.1
10,000 to 29,999 pounds	180	100.0	18.8	36.2	44.8	0.1	.1
30,000 to 59,999 pounds	799	100.0	21.2	38.5	39.8	.1	.4
60,000 to 89,999 pounds	708	100.0	91.9	1.2	5.8	-	1.1
90,000 pounds and over	886	100.0	96.9	-	3.1	-	-
600 to 999 miles	4,467	100.0	75.5	11.5	5.6	7.3	.1
Under 1,000 pounds	37	100.0	4.4	91.5	.3	.1	3.7
1,000 to 9,999 pounds	120	100.0	6.4	84.9	8.0	-	.7
10,000 to 29,999 pounds	238	100.0	43.5	36.8	19.7	-	-
30,000 to 59,999 pounds	1,072	100.0	59.5	24.0	15.8	.7	-
60,000 to 89,999 pounds	1,473	100.0	97.8	.8	1.3	-	.1
90,000 pounds and over	1,527	100.0	77.5	1.3	.3	20.8	.1
1,000 miles and over	34,357	100.0	84.2	2.0	1.4	12.4	-
Under 1,000 pounds	42	100.0	7.1	84.4	-	.4	8.1
1,000 to 9,999 pounds	116	100.0	31.3	51.4	4.7	11.2	1.4
10,000 to 29,999 pounds	791	100.0	73.5	5.6	1.6	19.2	.1
30,000 to 59,999 pounds	4,599	100.0	78.6	8.4	9.5	3.5	-
60,000 to 89,999 pounds	16,223	100.0	97.9	.1	.2	1.8	-
90,000 pounds and over	12,586	100.0	69.9	1.1	-	29.0	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 11 --Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Lumber and Wood Products, Except Furniture

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	61,859	100.0	53.5	13.4	28.0	-	5.0	-	0.1
New England	640	100.0	11.6	13.7	74.6	-	-	-	.1
Middle Atlantic	2,000	100.0	18.8	14.5	66.6	-	-	0.1	-
East North Central	3,539	100.0	21.9	21.4	56.4	-	-	.3	-
West North Central	1,951	100.0	49.1	27.6	23.3	-	-	-	-
South Atlantic	7,004	100.0	23.1	18.6	58.1	-	-	-	.2
East South Central	4,894	100.0	40.6	13.5	45.8	-	-	.1	-
West South Central	5,239	100.0	46.1	22.0	31.8	-	-	-	.1
Mountain	5,325	100.0	78.6	11.9	9.5	-	-	-	-
Pacific[1]	31,267	100.0	66.2	9.2	14.6	-	9.9	-	.1
TON-MILES	(millions of ton-miles)								
U.S. total	46,658	100.0	77.8	5.5	6.6	-	10.0	-	.1
New England	199	100.0	38.4	22.3	39.2	-	-	-	.1
Middle Atlantic	410	100.0	48.6	21.3	29.4	0.2	-	.5	-
East North Central	996	100.0	45.8	24.6	29.1	-	.2	.3	-
West North Central	971	100.0	65.0	24.6	10.4	-	-	-	-
South Atlantic	1,242	100.0	40.9	24.7	34.2	-	-	-	.2
East South Central	1,815	100.0	63.0	16.1	20.7	.1	-	.1	-
West South Central	1,461	100.0	67.0	11.7	21.2	-	-	-	.1
Mountain	5,026	100.0	91.5	4.9	3.6	-	-	-	-
Pacific[1]	34,538	100.0	80.2	2.7	3.5	-	13.5	-	.1

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 11--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Lumber and Wood Products, Except Furniture

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	61,859	61,859	1,390	5,644	10,180	4,813	10,075	3,964	6,251	2,635	16,907
Ton-miles.....millions..	46,658	46,658	1,721	6,845	9,757	5,197	8,107	2,893	4,267	1,477	6,394
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	61,859	100.0	2.2	9.1	16.5	7.8	16.3	6.4	10.1	4.3	27.3
Shipments from--											
New England.....	640	100.0	67.2	20.2	4.6	.9	1.7	1.1	1.1	.1	3.1
Middle Atlantic.....	2,000	100.0	2.0	72.6	5.0	.3	13.3	5.2	.5	.1	1.0
East North Central.....	3,539	100.0	2.2	7.1	66.6	6.2	7.3	7.4	1.7	.2	1.3
West North Central.....	1,951	100.0	6.1	5.7	43.6	37.7	3.3	.6	1.2	.1	1.7
South Atlantic.....	7,004	100.0	1.9	11.7	4.0	.1	76.8	4.7	.3	-	.5
East South Central.....	4,894	100.0	.6	6.3	31.6	3.3	19.1	32.8	5.0	.5	.8
West South Central.....	5,239	100.0	.8	1.5	6.4	3.5	5.9	9.6	68.6	2.3	1.4
Mountain.....	5,325	100.0	1.3	5.5	26.5	20.1	3.1	2.3	5.9	15.7	19.6
Pacific[2].....	31,267	100.0	1.4	7.0	10.5	7.8	8.6	3.3	6.3	5.3	49.8
TON-MILES	(millions)										
U.S. total.....	46,658	100.0	3.7	14.7	20.9	11.1	17.4	6.2	9.1	3.2	13.7
Shipments from--											
New England.....	199	100.0	29.4	17.3	11.3	3.3	4.4	4.2	4.9	.8	24.4
Middle Atlantic.....	410	100.0	1.4	31.7	9.8	1.6	21.9	18.9	2.8	.6	11.3
East North Central.....	996	100.0	6.8	13.8	38.6	7.2	12.3	6.5	5.3	.7	8.8
West North Central.....	971	100.0	13.7	10.6	39.5	22.1	5.8	.5	1.6	.2	6.0
South Atlantic.....	1,242	100.0	6.6	20.6	9.1	.5	49.0	6.3	1.6	.2	6.1
East South Central.....	1,815	100.0	1.8	15.0	33.8	5.2	21.3	13.1	4.3	1.3	4.2
West South Central.....	1,461	100.0	3.7	5.6	13.7	5.8	13.9	8.3	34.3	7.0	7.7
Mountain.....	5,026	100.0	3.0	11.7	38.8	21.8	6.3	3.6	6.3	4.3	4.2
Pacific[2].....	34,538	100.0	3.3	15.2	17.5	10.5	18.4	6.1	9.4	3.2	16.4

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 11--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Lumber and Wood Products, Except Furniture

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	61,859	100.0	53.5	13.4	28.0	-	5.0	-	0.1
South Atlantic, total	7,004	100.0	23.1	18.6	58.1	-	-	-	.2
Shipments to--									
Middle Atlantic	821	100.0	36.6	45.7	17.7	-	-	-	-
East North Central	282	100.0	41.2	30.3	28.5	-	-	-	-
South Atlantic	5,365	100.0	17.0	14.7	68.0	-	-	-	.3
East South Central	331	100.0	33.1	9.7	57.2	-	-	-	-
East South Central, total	4,894	100.0	40.6	13.5	45.8	-	-	0.1	-
Shipments to--									
East North Central	1,544	100.0	31.5	12.9	55.5	-	-	.1	-
South Atlantic	936	100.0	56.7	11.6	31.7	-	-	-	-
East South Central	1,605	100.0	24.1	11.2	64.7	-	-	-	-
West South Central	246	100.0	50.9	35.4	13.7	-	-	-	-
West South Central, total	5,239	100.0	46.1	22.0	31.8	-	-	-	.1
Shipments to--									
East North Central	338	100.0	53.2	19.1	27.3	-	-	-	.4
East South Central	502	100.0	42.3	18.5	39.2	-	-	-	-
West South Central	3,596	100.0	39.4	26.5	34.0	-	-	-	.1
Mountain, total	5,325	100.0	78.6	11.9	9.5	-	-	-	-
Shipments to--									
East North Central	1,408	100.0	94.4	4.5	1.1	-	-	-	
West North Central	1,070	100.0	84.9	9.3	5.8	-	-	-	-
Mountain	837	100.0	48.6	21.6	29.8	-	-	-	-
Pacific	1,046	100.0	65.8	27.3	6.9	-	-	-	-
Pacific, total	31,267	100.0	66.2	9.2	14.6	-	9.9	-	.1
Shipments to--									
New England	445	100.0	99.4	.5	-	-	-	-	.1
Middle Atlantic	2,196	100.0	80.2	.7	.1	-	18.9	-	.1
East North Central	3,278	100.0	98.6	1.3	-	-	-	-	.1
West North Central	2,424	100.0	98.8	1.1	.1	-	-	-	-
South Atlantic	2,699	100.0	62.2	.3	.1	-	37.4	-	-
East South Central	1,020	100.0	99.7	.1	.2	-	-	-	-
West South Central	1,971	100.0	98.5	.2	1.3	-	-	-	-
Mountain	1,643	100.0	79.8	7.5	12.6	-	-	-	.1
Pacific	15,591	100.0	44.1	17.1	27.8	-	10.7	-	.3
TON-MILES	(millions of ton-miles)								
U.S. total	46,658	100.0	77.8	5.5	6.6	-	10.0	-	.1
South Atlantic, total	1,242	100.0	40.9	24.7	34.2	-	-	-	.2
Shipments to--									
Middle Atlantic	255	100.0	35.7	46.5	17.7	-	-	.1	-
East North Central	113	100.0	51.5	30.7	17.8	-	-	-	-
South Atlantic	609	100.0	25.1	20.5	54.0	-	-	-	.4
East South Central	79	100.0	47.3	16.0	36.7	-	-	-	-
East South Central, total	1,815	100.0	63.0	16.1	20.7	0.1	-	.1	-
Shipments to--									
East North Central	613	100.0	50.0	18.9	30.9	-	-	.2	-
South Atlantic	385	100.0	72.4	10.9	16.7	-	-	-	-
East South Central	238	100.0	43.2	13.7	43.1	-	-	-	-
West South Central	79	100.0	46.5	41.5	11.9	-	-	.1	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 11--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Lumber and Wood Products, Except Furniture

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
West South Central, total	1,461	100.0	67.0	11.7	21.2	-	-	-	0.1
Shipments to--									
East North Central	200	100.0	53.1	23.9	22.7	-	-	-	.3
East South Central	122	100.0	57.5	10.6	31.9	-	-	-	-
West South Central	500	100.0	52.5	17.0	30.3	-	-	-	.2
Mountain, total	5,026	100.0	91.5	4.9	3.6	-	-	-	-
Shipments to--									
East North Central	1,951	100.0	94.9	4.2	.9	-	-	-	-
West North Central	1,097	100.0	87.7	8.6	3.6	-	-	-	.1
Mountain	218	100.0	61.0	20.7	18.3	-	-	-	-
Pacific	209	100.0	79.5	10.9	9.6	-	-	-	-
Pacific, total	34,538	100.0	80.2	2.7	3.5	-	13.5	-	.1
Shipments to--									
New England	1,137	100.0	99.4	.5	-	-	-	-	.1
Middle Atlantic	5,244	100.0	79.4	.7	.1	-	19.7	-	.1
East North Central	6,049	100.0	98.7	1.2	-	-	-	-	.1
West North Central	3,615	100.0	98.9	1.0	.1	-	-	-	-
South Atlantic	6,317	100.0	61.9	.3	.1	-	37.7	-	-
East South Central	2,118	100.0	99.7	.1	.2	-	-	-	-
West South Central	3,262	100.0	98.6	.1	1.3	-	-	-	-
Mountain	1,117	100.0	83.1	6.9	9.9	-	-	-	.1
Pacific	5,679	100.0	47.2	12.3	18.3	-	22.0	-	.2

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 11--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Lumber and Wood Products, Except Furniture

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	61,859	31,228	25,223	5,408	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	46,658	18,151	22,457	6,050
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	53.5	43.8	59.7	79.7	77.8	62.1	87.8	88.0
Motor carrier.....	13.4	14.6	13.6	5.8	5.5	7.9	4.6	1.8
Private truck.....	28.0	36.2	21.7	10.3	6.6	10.7	4.6	2.0
Air.....	-	-	-	-	-	-	-	-
Water.....	5.0	5.4	4.8	3.9	10.0	19.3	2.9	8.1
Other.....	-	-	-	.1	-	-	-	-
Unknown.....	.1	-	.2	.2	.1	-	.1	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	21.6	25.7	19.7	6.4	1.5	2.2	1.2	.3
100 to 199 miles.....	15.6	19.2	11.2	15.2	2.9	4.6	1.7	2.0
200 to 299 miles.....	9.0	11.1	7.6	3.5	2.9	4.6	2.1	.8
300 to 399 miles.....	5.1	5.2	5.0	5.0	2.3	3.1	1.9	1.5
400 to 499 miles.....	3.9	3.3	4.7	3.4	2.3	2.5	2.3	1.4
500 to 999 miles.....	14.4	14.5	13.6	17.2	13.4	17.1	11.0	11.1
1,000 miles and over.....	30.4	21.0	38.2	49.3	74.7	65.9	79.8	82.9

Table 8. SHIPPER GROUP 11--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Lumber and Wood Products, Except Furniture

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	78.7	75.5	88.5	90.7
Highway facilities.....	65.0	61.5	75.5	75.9
Rail and highway facilities.....	48.4	43.2	64.0	66.6
Air facilities.....	53.9	54.2	52.6	55.6
Rail, highway, and air facilities.....	28.9	26.0	37.7	43.9
Water facilities.....	13.7	11.4	19.6	36.9
Rail, highway, air, and water facilities.	7.5	4.9	14.6	27.6

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 6.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 112--Percent Distribution of Distance, by Means of Transport: 1967

Lumber and Dimension Stock

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	38,714	100.0	51.7	11.5	28.8	-	7.9	-	0.1
Under 50 miles	4,238	100.0	2.1	12.2	75.4	-	10.0	-	.3
50 to 99 miles	4,613	100.0	33.3	18.8	44.7	-	3.0	-	.2
100 to 199 miles	6,711	100.0	36.7	13.5	44.2	-	5.6	-	-
200 to 299 miles	2,896	100.0	33.7	24.3	41.2	-	.7	-	.1
300 to 399 miles	2,078	100.0	60.6	17.1	22.0	-	.1	-	.2
400 to 499 miles	1,318	100.0	58.8	14.8	24.9	-	-	-	1.5
500 to 599 miles	2,136	100.0	77.1	9.5	13.3	-	.1	-	-
600 to 799 miles	1,772	100.0	79.5	11.6	8.8	-	-	-	.1
800 to 999 miles	1,731	100.0	65.1	7.8	5.6	-	21.5	-	-
1,000 to 1,199 miles	1,817	100.0	66.9	12.7	20.4	-	-	-	-
1,200 to 1,499 miles	1,852	100.0	96.7	2.9	.4	-	-	-	-
1,500 to 1,999 miles	3,472	100.0	99.0	.5	.4	-	-	-	.1
2,000 miles and over	4,080	100.0	56.9	1.2	.1	-	41.8	-	-
TON-MILES	(millions of ton-miles)								
Total	27,486	100.0	70.6	5.2	7.4	-	16.7	-	.1
Under 50 miles	138	100.0	1.8	11.9	78.3	-	7.7	-	.3
50 to 99 miles	321	100.0	34.2	19.1	43.4	-	3.2	-	.1
100 to 199 miles	934	100.0	38.4	14.9	42.3	-	4.4	-	-
200 to 299 miles	701	100.0	34.6	24.2	40.3	-	.8	-	.1
300 to 399 miles	704	100.0	59.6	17.7	22.4	-	.1	-	.2
400 to 499 miles	593	100.0	59.0	14.7	24.8	-	-	-	1.5
500 to 599 miles	1,181	100.0	77.1	9.5	13.3	-	.1	-	-
600 to 799 miles	1,204	100.0	79.4	11.6	8.9	-	-	-	.1
800 to 999 miles	1,546	100.0	65.7	7.8	5.5	-	21.0	-	-
1,000 to 1,199 miles	1,991	100.0	66.9	12.4	20.7	-	-	-	-
1,200 to 1,499 miles	2,536	100.0	96.8	2.8	.4	-	-	-	-
1,500 to 1,999 miles	6,014	100.0	99.0	.5	.4	-	-	-	.1
2,000 miles and over	9,623	100.0	55.2	1.1	.1	-	43.6	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 112--Percent Distribution of Weight, by Means of Transport: 1967

Lumber and Dimension Stock

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	37,034	100.0	52.2	10.9	28.6	8.2	0.1
Under 1,000 pounds	37	100.0	.8	87.6	10.4	-	1.2
Under 100 pounds	1	100.0	1.7	87.2	9.6	-	1.5
100 to 199 pounds	3	100.0	.3	87.6	8.3	-	3.8
200 to 499 pounds	14	100.0	.1	91.1	8.7	-	.1
500 to 999 pounds	19	100.0	1.3	86.5	12.2	-	-
1,000 to 9,999 pounds	305	100.0	6.8	30.5	61.7	.8	.2
1,000 to 1,999 pounds	33	100.0	1.4	74.5	24.1	-	-
2,000 to 2,999 pounds	28	100.0	1.2	55.1	43.7	-	-
3,000 to 3,999 pounds	32	100.0	5.1	47.7	46.5	-	.7
4,000 to 4,999 pounds	24	100.0	1.2	28.1	61.1	8.3	1.3
5,000 to 9,999 pounds	188	100.0	9.5	16.3	73.8	.3	.1
10,000 to 29,999 pounds	2,282	100.0	12.8	12.6	72.0	2.5	.1
10,000 to 19,999 pounds	934	100.0	5.1	14.4	78.1	2.1	.3
20,000 to 29,999 pounds	1,348	100.0	18.2	11.3	67.7	2.8	-
30,000 to 59,999 pounds	13,226	100.0	18.6	23.4	57.1	.8	.1
30,000 to 39,999 pounds	3,144	100.0	12.2	19.7	67.1	1.0	-
40,000 to 49,999 pounds	5,226	100.0	13.4	29.5	55.7	1.2	.2
50,000 to 59,999 pounds	4,856	100.0	28.3	19.3	52.0	.3	.1
60,000 to 89,999 pounds	9,996	100.0	91.3	.8	5.5	2.1	.3
60,000 to 69,999 pounds	2,731	100.0	84.4	1.2	12.4	1.3	.7
70,000 to 79,999 pounds	3,804	100.0	92.1	.4	3.6	3.8	.1
80,000 to 89,999 pounds	3,461	100.0	95.8	1.0	2.2	.9	.1
90,000 pounds and over	11,188	100.0	66.3	4.0	5.8	23.8	.1
TON-MILES	(millions of ton-miles)						
Total	26,836	100.0	70.4	5.1	7.3	17.1	.1
Under 1,000 pounds	12	100.0	2.3	93.9	2.9	-	.9
Under 100 pounds	-	-	-	-	-	-	-
100 to 199 pounds	1	100.0	3.4	92.5	2.6	-	1.5
200 to 499 pounds	4	100.0	.3	96.7	2.6	-	.4
500 to 999 pounds	7	100.0	3.2	93.8	3.0	-	-
1,000 to 9,999 pounds	84	100.0	22.4	42.4	26.8	7.4	1.0
1,000 to 1,999 pounds	12	100.0	3.2	90.8	6.0	-	-
2,000 to 2,999 pounds	7	100.0	3.7	81.9	14.4	-	-
3,000 to 3,999 pounds	8	100.0	9.6	66.7	23.5	-	.2
4,000 to 4,999 pounds	14	100.0	4.3	36.9	13.1	43.9	1.8
5,000 to 9,999 pounds	43	100.0	39.3	19.2	40.0	.3	1.2
10,000 to 29,999 pounds	889	100.0	48.2	9.8	25.8	16.1	.1
10,000 to 19,999 pounds	253	100.0	28.5	12.2	36.6	22.3	.4
20,000 to 29,999 pounds	636	100.0	56.0	8.9	21.5	13.6	-
30,000 to 59,999 pounds	5,621	100.0	51.9	18.5	26.8	2.8	-
30,000 to 39,999 pounds	1,102	100.0	49.4	18.5	27.0	5.1	-
40,000 to 49,999 pounds	2,366	100.0	39.8	24.6	32.3	3.3	-
50,000 to 59,999 pounds	2,153	100.0	66.5	11.8	20.6	1.0	.1
60,000 to 89,999 pounds	11,002	100.0	95.9	.2	1.0	2.8	.1
60,000 to 69,999 pounds	2,638	100.0	95.3	.4	1.8	2.2	.3
70,000 to 79,999 pounds	4,630	100.0	94.7	-	.8	4.5	-
80,000 to 89,999 pounds	3,734	100.0	98.0	.1	.7	1.1	.1
90,000 pounds and over	9,228	100.0	54.0	1.8	1.0	43.2	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 112--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Lumber and Dimension Stock

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	37,034	100.0	52.2	10.9	28.6	8.2	0.1
Under 200 miles	14,537	100.0	26.5	13.7	53.2	6.5	.1
Under 1,000 pounds	20	100.0	-	82.4	16.3	-	1.3
1,000 to 9,999 pounds	215	100.0	2.4	23.0	74.4	-	.2
10,000 to 29,999 pounds	1,328	100.0	.6	12.0	87.0	.2	.2
30,000 to 59,999 pounds	7,362	100.0	6.2	18.3	74.9	.5	.1
60,000 to 89,999 pounds	1,542	100.0	65.0	4.2	25.5	5.3	-
90,000 pounds and over	4,070	100.0	58.4	8.8	12.6	20.1	.1
200 to 399 miles	4,730	100.0	43.7	21.2	34.5	.5	.1
Under 1,000 pounds	7	100.0	-	92.3	6.1	-	1.6
1,000 to 9,999 pounds	36	100.0	8.8	36.9	52.9	1.4	-
10,000 to 29,999 pounds	493	100.0	5.8	10.8	83.0	.3	.1
30,000 to 59,999 pounds	2,167	100.0	8.4	41.3	50.1	.1	.1
60,000 to 89,999 pounds	920	100.0	92.1	.8	4.9	1.9	.3
90,000 pounds and over	1,107	100.0	90.8	2.5	6.7	-	-
400 to 599 miles	3,392	100.0	70.9	11.3	17.2	-	.6
Under 1,000 pounds	3	100.0	.2	97.2	1.6	-	1.0
1,000 to 9,999 pounds	17	100.0	19.3	56.2	24.5	-	-
10,000 to 29,999 pounds	70	100.0	18.7	18.4	62.9	-	-
30,000 to 59,999 pounds	876	100.0	13.1	40.9	45.7	.2	.1
60,000 to 89,999 pounds	1,025	100.0	90.9	-	7.2	-	1.9
90,000 pounds and over	1,401	100.0	95.5	-	4.5	-	-
600 to 999 miles	3,388	100.0	72.4	9.8	6.8	11.0	-
Under 1,000 pounds	3	100.0	7.3	91.6	.3	-	.8
1,000 to 9,999 pounds	16	100.0	4.1	74.9	21.0	-	-
10,000 to 29,999 pounds	123	100.0	39.5	35.2	25.3	-	-
30,000 to 59,999 pounds	851	100.0	51.1	28.6	19.3	1.0	-
60,000 to 89,999 pounds	1,172	100.0	96.9	.7	2.3	-	.1
90,000 pounds and over	1,223	100.0	68.1	1.7	.5	29.7	-
1,000 miles and over	10,987	100.0	77.8	3.1	3.6	15.5	-
Under 1,000 pounds	3	100.0	.9	98.4	-	-	.7
1,000 to 9,999 pounds	22	100.0	39.0	40.7	9.6	9.2	1.5
10,000 to 29,999 pounds	267	100.0	72.6	6.8	.6	19.8	.2
30,000 to 59,999 pounds	1,971	100.0	64.4	13.5	19.3	2.8	-
60,000 to 89,999 pounds	5,337	100.0	97.7	-	.2	2.1	-
90,000 pounds and over	3,387	100.0	54.8	1.4	-	43.8	-
TON-MILES	(millions of ton-miles)						
Total[1]	26,836	100.0	70.4	5.1	7.3	17.1	.1
Under 200 miles	1,304	100.0	33.6	14.8	46.8	4.7	.1
Under 1,000 pounds	2	100.0	-	87.1	12.1	-	.8
1,000 to 9,999 pounds	14	100.0	2.8	27.8	69.1	-	.3
10,000 to 29,999 pounds	100	100.0	.5	12.8	86.5	.1	.1
30,000 to 59,999 pounds	637	100.0	9.9	18.7	70.8	.5	.1
60,000 to 89,999 pounds	152	100.0	75.7	4.5	16.8	3.0	-
90,000 pounds and over	399	100.0	64.9	12.2	9.5	13.4	-
200 to 399 miles	1,336	100.0	46.0	20.9	32.5	.5	.1
Under 1,000 pounds	2	100.0	-	92.9	5.6	-	1.5
1,000 to 9,999 pounds	10	100.0	8.1	38.7	51.8	1.4	-
10,000 to 29,999 pounds	120	100.0	7.6	11.9	79.9	.4	.2
30,000 to 59,999 pounds	600	100.0	8.7	41.5	49.6	.1	.1
60,000 to 89,999 pounds	267	100.0	92.8	.7	4.2	1.9	.4
90,000 pounds and over	337	100.0	90.0	2.8	7.2	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 112--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Lumber and Dimension Stock

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	1,741	100.0	71.8	11.0	16.7	-	0.5
Under 1,000 pounds	1	100.0	.2	96.9	1.8	-	1.1
1,000 to 9,999 pounds	8	100.0	17.0	58.8	24.2	-	-
10,000 to 29,999 pounds	35	100.0	19.5	18.5	62.0	-	-
30,000 to 59,999 pounds	441	100.0	13.0	40.7	46.0	0.2	.1
60,000 to 89,999 pounds	529	100.0	91.4	-	7.1	-	1.5
90,000 pounds and over	727	100.0	96.3	-	3.7	-	-
600 to 999 miles	2,665	100.0	71.7	9.5	6.6	12.2	-
Under 1,000 pounds	3	100.0	8.0	91.2	.2	-	.6
1,000 to 9,999 pounds	12	100.0	5.0	75.6	19.4	-	-
10,000 to 29,999 pounds	95	100.0	45.1	30.7	24.2	-	-
30,000 to 59,999 pounds	683	100.0	52.3	28.1	18.6	1.0	-
60,000 to 89,999 pounds	899	100.0	97.1	.6	2.2	-	.1
90,000 pounds and over	973	100.0	65.4	1.6	.4	32.6	-
1,000 miles and over	19,790	100.0	74.3	2.2	2.3	21.2	-
Under 1,000 pounds	4	100.0	1.0	98.4	-	-	.6
1,000 to 9,999 pounds	41	100.0	38.5	36.0	8.8	14.9	1.8
10,000 to 29,999 pounds	538	100.0	68.5	4.6	.4	26.4	.1
30,000 to 59,999 pounds	3,260	100.0	73.2	9.2	13.2	4.4	-
60,000 to 89,999 pounds	9,156	100.0	96.5	-	.2	3.2	.1
90,000 pounds and over	6,791	100.0	45.4	1.4	-	53.2	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 112 --Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Lumber and Dimension Stock

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	38,714	100.0	51.7	11.5	28.8	-	7.9	-	0.1
South Atlantic	3,221	100.0	22.2	9.5	68.1	-	-	-	.2
East South Central	2,800	100.0	29.9	11.3	58.8	-	-	-	-
West South Central	3,392	100.0	49.7	20.2	29.9	-	-	-	.2
Mountain	4,995	100.0	77.9	12.3	9.8	-	-	-	-
Pacific[1]	20,925	100.0	58.0	10.1	17.2	-	14.5	-	.2
Balance of United States[2]	3,381	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	27,486	100.0	70.6	5.2	7.4	-	16.7	-	.1
South Atlantic	462	100.0	47.9	15.0	37.0	-	-	-	.1
East South Central	794	100.0	55.9	16.3	27.8	-	-	-	-
West South Central	839	100.0	65.2	15.4	19.2	-	-	-	.2
Mountain	4,546	100.0	91.1	5.0	3.9	-	-	-	-
Pacific[1]	19,847	100.0	68.3	3.4	5.1	-	23.1	-	.1
Balance of United States[2]	998	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 112--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Lumber and Dimension Stock

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	38,714	38,714	757	2,936	4,818	2,831	5,347	2,297	3,914	2,058	13,756
Ton-miles.....millions..	27,486	27,486	886	3,548	5,375	2,989	4,543	1,311	2,482	1,096	5,256
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	38,714	100.0	2.0	7.6	12.4	7.3	13.8	5.9	10.1	5.3	35.6
Shipments from--											
South Atlantic.....	3,221	100.0	1.0	5.8	1.8	.1	84.2	6.0	-	-	1.1
East South Central.....	2,800	100.0	.9	2.2	27.3	2.3	22.2	41.0	2.2	.7	1.2
West South Central.....	3,392	100.0	1.1	1.8	6.8	2.7	5.4	10.0	69.5	1.8	.9
Mountain.....	4,995	100.0	1.1	5.0	25.3	20.5	2.9	2.4	6.0	16.0	20.8
Pacific[2].....	20,925	100.0	1.0	5.5	7.6	5.6	7.2	1.8	5.6	5.6	60.1
Balance of U.S.[3].....	3,381	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	27,486	100.0	3.2	12.9	19.6	10.9	16.5	4.8	9.0	4.0	19.1
Shipments from--											
South Atlantic.....	462	100.0	3.5	11.5	4.0	.5	56.7	8.3	-	-	15.5
East South Central.....	794	100.0	3.4	6.8	27.2	4.5	27.8	19.2	1.8	2.4	6.9
West South Central.....	839	100.0	5.4	7.5	16.8	3.9	14.9	9.8	28.3	7.1	6.3
Mountain.....	4,546	100.0	2.6	11.0	38.0	23.0	5.9	3.8	6.6	4.5	4.6
Pacific[2].....	19,847	100.0	2.6	13.9	14.9	8.7	17.9	4.0	9.7	4.1	24.2
Balance of U.S.[3].....	998	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 112--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Lumber and Dimension Stock

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	38,714	100.0	51.7	11.5	28.8	-	7.9	-	0.1
South Atlantic, total	3,221	100.0	22.2	9.5	68.1	-	-	-	.2
Shipments to--									
South Atlantic	2,716	100.0	17.1	7.4	75.3	-	-	-	.2
East South Central, total	2,800	100.0	29.9	11.3	58.8	-	-	-	-
Shipments to--									
East North Central	765	100.0	16.6	10.4	73.0	-	-	-	-
East South Central	1,146	100.0	19.8	8.7	71.5	-	-	-	-
West South Central, total	3,392	100.0	49.7	20.2	29.9	-	-	-	.2
Shipments to--									
West South Central	2,358	100.0	45.8	23.3	30.7	-	-	-	.2
Mountain, total	4,995	100.0	77.9	12.3	9.8	-	-	-	-
Shipments to--									
East North Central	1,265	100.0	94.7	4.1	1.2	-	-	-	-
West North Central	1,024	100.0	84.4	9.4	6.1	-	-	-	.1
Mountain	801	100.0	48.1	22.3	29.6	-	-	-	-
Pacific, total	20,925	100.0	58.0	10.1	17.2	-	14.5	-	.2
Shipments to--									
Middle Atlantic	1,142	100.0	63.4	-	.2	-	36.4	-	-
East North Central	1,583	100.0	99.2	.7	-	-	-	-	.1
West North Central	1,166	100.0	99.4	.6	-	-	-	-	-
Pacific	12,584	100.0	43.4	16.2	27.3	-	12.8	-	.3
TON-MILES	(millions of ton-miles)								
U.S. total	27,486	100.0	70.6	5.2	7.4	-	16.7	-	.1
South Atlantic, total	462	100.0	47.9	15.0	37.0	-	-	-	.1
Shipments to--									
South Atlantic	262	100.0	29.7	14.0	56.2	-	-	-	.1
East South Central, total	794	100.0	55.9	16.3	27.8	-	-	-	-
Shipments to--									
East North Central	216	100.0	37.3	20.9	41.8	-	-	-	-
East South Central	152	100.0	36.2	10.4	53.4	-	-	-	-
West South Central, total	839	100.0	65.2	15.4	19.2	-	-	-	.2
Shipments to--									
West South Central	238	100.0	47.4	24.7	27.6	-	-	-	.3
Mountain, total	4,546	100.0	91.1	5.0	3.9	-	-	-	-
Shipments to--									
East North Central	1,733	100.0	95.1	3.8	1.1	-	-	-	-
West North Central	1,044	100.0	87.4	8.8	3.7	-	-	-	.1
Mountain	204	100.0	59.1	21.9	19.0	-	-	-	-
Pacific, total	19,847	100.0	68.3	3.4	5.1	-	23.1	-	.1
Shipments to--									
Middle Atlantic	2,758	100.0	62.5	-	.2	-	37.3	-	-
East North Central	2,950	100.0	99.3	.6	-	-	-	-	.1
West North Central	1,725	100.0	99.4	.6	-	-	-	-	-
Pacific	4,809	100.0	44.0	12.6	18.6	-	24.6	-	.2

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 112--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Lumber and Dimension Stock

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	38,714	22,482	12,577	3,655	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	27,486	13,848	9,470	4,168
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	51.7	46.9	53.2	77.3	70.6	57.9	83.3	84.7
Motor carrier.....	11.5	12.1	11.6	6.8	5.2	7.3	3.4	1.8
Private truck.....	28.8	33.6	25.6	9.9	7.4	9.7	6.5	1.7
Air.....	-	-	-	-	-	-	-	-
Water.....	7.9	7.4	9.3	5.7	16.7	25.1	6.7	11.7
Other.....	-	-	-	-	-	-	-	-
Unknown.....	.1	-	.3	.3	.1	-	.1	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	22.9	23.3	26.2	8.2	1.7	1.9	1.9	.4
100 to 199 miles.....	17.3	20.2	12.4	16.4	3.4	4.6	2.2	2.2
200 to 299 miles.....	7.5	9.2	5.7	3.2	2.5	3.6	1.9	.7
300 to 399 miles.....	5.4	5.8	4.7	5.0	2.6	3.2	2.1	1.5
400 to 499 miles.....	3.4	3.1	4.4	2.0	2.2	2.3	2.6	.8
500 to 999 miles.....	14.6	15.7	13.2	12.2	14.3	17.3	12.7	8.0
1,000 miles and over.....	28.9	22.7	33.4	53.0	73.3	67.1	76.6	86.4

Table 8. SHIPPER CLASS 112--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Lumber and Dimension Stock

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	84.0	84.7	80.2	100.0
Highway facilities	58.9	53.0	80.8	72.3
Rail and highway facilities	45.3	40.7	61.0	72.3
Air facilities	39.4	37.7	46.0	40.9
Rail, highway, and air facilities	18.9	14.6	34.1	40.9
Water facilities	14.0	12.3	17.8	45.1
Rail, highway, air, and water facilities	8.2	6.2	14.2	31.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 10.2 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 113--Percent Distribution of Distance, by Means of Transport: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	12,227	100.0	71.1	12.4	16.2	-	0.2	-	0.1
Under 50 miles	617	100.0	8.4	30.5	60.9	-	-	-	.2
50 to 99 miles	993	100.0	20.5	32.7	45.0	-	1.6	-	.2
100 to 199 miles	1,133	100.0	37.8	17.6	44.6	-	-	-	-
200 to 299 miles	914	100.0	41.5	22.5	36.0	-	-	-	-
300 to 399 miles	459	100.0	50.2	30.7	19.0	-	-	0.1	-
400 to 499 miles	472	100.0	51.1	21.5	27.3	-	.1	-	-
500 to 599 miles	383	100.0	53.0	34.2	12.6	0.1	-	.1	-
600 to 799 miles	796	100.0	80.4	14.8	4.5	-	-	-	.3
800 to 999 miles	435	100.0	85.2	13.4	1.4	-	-	-	-
1,000 to 1,199 miles	189	100.0	92.2	7.3	.3	.2	-	-	-
1,200 to 1,499 miles	726	100.0	97.5	2.0	.5	-	-	-	-
1,500 to 1,999 miles	2,162	100.0	98.8	.7	.5	-	-	-	-
2,000 miles and over	2,948	100.0	99.6	.1	.1	-	.2	-	-
	(millions of ton-miles)								
TON-MILES									
Total	13,934	100.0	93.9	3.4	2.6	-	.1	-	-
Under 50 miles	19	100.0	9.0	28.8	61.9	-	-	-	.3
50 to 99 miles	70	100.0	19.7	33.2	45.2	-	1.7	-	.2
100 to 199 miles	165	100.0	38.5	17.4	44.1	-	-	-	-
200 to 299 miles	224	100.0	42.7	22.4	34.9	-	-	-	-
300 to 399 miles	161	100.0	49.7	31.1	19.1	-	-	.1	-
400 to 499 miles	213	100.0	51.4	21.5	27.0	-	.1	-	-
500 to 599 miles	211	100.0	53.4	34.2	12.2	.1	-	.1	-
600 to 799 miles	550	100.0	80.7	14.6	4.4	-	-	-	.3
800 to 999 miles	393	100.0	85.4	13.2	1.4	-	-	-	-
1,000 to 1,199 miles	208	100.0	92.3	7.3	.3	.1	-	-	-
1,200 to 1,499 miles	1,013	100.0	97.5	2.0	.5	-	-	-	-
1,500 to 1,999 miles	3,838	100.0	98.9	.7	.4	-	-	-	-
2,000 miles and over	6,869	100.0	99.6	.1	.1	-	.2	-	-

[1] Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 113--Percent Distribution of Weight, by Means of Transport: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	12,001	100.0	71.8	11.7	16.2	0.3
Under 1,000 pounds	86	100.0	.2	59.6	36.4	3.8
Under 50 pounds	2	100.0	-	40.1	28.0	31.9
50 to 99 pounds	4	100.0	-	52.6	36.2	11.2
100 to 199 pounds	8	100.0	.2	65.6	27.9	6.3
200 to 499 pounds	25	100.0	.4	76.3	21.7	1.6
500 to 999 pounds	47	100.0	.2	51.2	46.0	2.6
1,000 to 9,999 pounds	461	100.0	2.8	50.5	46.3	.4
1,000 to 1,999 pounds	64	100.0	1.6	53.0	45.3	.1
2,000 to 2,999 pounds	51	100.0	1.6	53.1	43.6	1.7
3,000 to 3,999 pounds	45	100.0	2.7	47.5	49.8	-
4,000 to 4,999 pounds	70	100.0	2.2	64.4	33.2	.2
5,000 to 9,999 pounds	231	100.0	3.6	45.5	50.5	.4
10,000 to 29,999 pounds	1,411	100.0	14.2	26.4	59.2	.2
10,000 to 19,999 pounds	563	100.0	6.5	32.6	60.6	.3
20,000 to 29,999 pounds	848	100.0	19.3	22.3	58.4	-
30,000 to 59,999 pounds	2,425	100.0	45.1	24.2	30.6	.1
30,000 to 39,999 pounds	754	100.0	38.4	24.2	37.4	-
40,000 to 49,999 pounds	976	100.0	38.6	29.1	32.1	.2
50,000 to 59,999 pounds	695	100.0	61.4	17.2	21.2	.2
60,000 to 89,999 pounds	4,159	100.0	97.2	.6	2.0	.2
60,000 to 69,999 pounds	597	100.0	87.9	3.1	8.0	1.0
70,000 to 79,999 pounds	1,356	100.0	98.4	.3	1.3	-
80,000 to 89,999 pounds	2,206	100.0	99.2	.1	.7	-
90,000 pounds and over	3,459	100.0	94.1	4.1	1.3	.5
	(millions of ton-miles)					
TON-MILES						
Total	13,780	100.0	94.0	3.3	2.6	.1
Under 1,000 pounds	28	100.0	.5	82.3	10.6	6.6
Under 50 pounds	1	100.0	.1	44.8	3.1	52.0
50 to 99 pounds	2	100.0	-	76.4	4.6	19.0
100 to 199 pounds	3	100.0	.9	79.6	6.4	13.1
200 to 499 pounds	9	100.0	.7	91.6	4.9	2.8
500 to 999 pounds	13	100.0	.4	79.8	16.5	3.3
1,000 to 9,999 pounds	168	100.0	10.1	69.0	18.3	2.6
1,000 to 1,999 pounds	21	100.0	5.6	79.4	13.6	1.4
2,000 to 2,999 pounds	17	100.0	7.0	62.6	15.5	14.9
3,000 to 3,999 pounds	13	100.0	10.7	72.2	17.1	-
4,000 to 4,999 pounds	33	100.0	3.9	84.2	10.6	1.3
5,000 to 9,999 pounds	84	100.0	14.1	61.4	23.2	1.3
10,000 to 29,999 pounds	440	100.0	41.5	27.2	30.8	.5
10,000 to 19,999 pounds	154	100.0	28.5	38.9	31.2	1.4
20,000 to 29,999 pounds	286	100.0	48.4	20.9	30.6	.1
30,000 to 59,999 pounds	1,695	100.0	79.7	10.5	9.4	.4
30,000 to 39,999 pounds	387	100.0	70.1	16.8	13.1	-
40,000 to 49,999 pounds	665	100.0	73.3	15.1	10.7	.9
50,000 to 59,999 pounds	643	100.0	91.7	2.1	5.9	.3
60,000 to 89,999 pounds	6,556	100.0	99.3	.2	.5	-
60,000 to 69,999 pounds	820	100.0	96.4	1.1	2.3	.2
70,000 to 79,999 pounds	2,183	100.0	99.8	.1	.1	-
80,000 to 89,999 pounds	3,553	100.0	99.8	-	.2	-
90,000 pounds and over	4,893	100.0	99.4	.3	.1	.2

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 113--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	12,001	100.0	71.8	11.7	16.2	0.3
Under 200 miles	2,634	100.0	25.8	24.0	49.5	.7
Under 1,000 pounds	46	100.0	-	34.7	63.4	1.9
1,000 to 9,999 pounds	215	100.0	.3	23.9	75.7	.1
10,000 to 29,999 pounds	743	100.0	2.6	18.6	78.7	.1
30,000 to 59,999 pounds	855	100.0	15.6	34.6	49.8	-
60,000 to 89,999 pounds	248	100.0	69.2	3.4	25.0	2.4
90,000 pounds and over	527	100.0	67.5	23.2	7.1	2.2
200 to 399 miles	1,355	100.0	45.0	24.4	30.6	-
Under 1,000 pounds	18	100.0	.1	86.2	10.4	3.3
1,000 to 9,999 pounds	93	100.0	.4	60.9	38.6	.1
10,000 to 29,999 pounds	362	100.0	14.2	34.2	51.6	-
30,000 to 59,999 pounds	398	100.0	25.4	29.4	45.2	-
60,000 to 89,999 pounds	249	100.0	97.8	.7	1.5	-
90,000 pounds and over	235	100.0	90.6	6.9	2.5	-
400 to 599 miles	850	100.0	52.2	26.9	20.8	.1
Under 1,000 pounds	8	100.0	1.0	89.5	2.7	6.8
1,000 to 9,999 pounds	51	100.0	5.0	75.1	19.6	.3
10,000 to 29,999 pounds	139	100.0	21.8	43.6	34.3	.3
30,000 to 59,999 pounds	338	100.0	33.2	32.5	34.3	-
60,000 to 89,999 pounds	150	100.0	90.2	8.1	1.7	-
90,000 pounds and over	164	100.0	100.0	-	-	-
600 to 999 miles	1,198	100.0	82.2	14.4	3.2	.2
Under 1,000 pounds	9	100.0	.6	88.9	1.0	9.5
1,000 to 9,999 pounds	81	100.0	2.9	92.2	4.9	-
10,000 to 29,999 pounds	100	100.0	37.2	47.2	15.6	-
30,000 to 59,999 pounds	241	100.0	74.8	17.0	7.9	.3
60,000 to 89,999 pounds	401	100.0	99.9	.1	-	-
90,000 pounds and over	366	100.0	99.1	.5	-	.4
1,000 miles and over	5,964	100.0	98.8	.8	.3	.1
Under 1,000 pounds	4	100.0	.8	91.3	.1	7.8
1,000 to 9,999 pounds	21	100.0	33.9	56.7	2.5	6.9
10,000 to 29,999 pounds	68	100.0	91.1	3.9	3.9	1.1
30,000 to 59,999 pounds	593	100.0	95.4	3.9	.3	.4
60,000 to 89,999 pounds	3,110	100.0	99.5	.1	.4	-
90,000 pounds and over	2,168	100.0	99.9	-	-	.1
TON-MILES	(millions of ton-miles)					
Total[1]	13,780	100.0	94.0	3.3	2.6	.1
Under 200 miles	248	100.0	31.8	21.1	46.5	.6
Under 1,000 pounds	5	100.0	.1	46.8	52.1	1.0
1,000 to 9,999 pounds	18	100.0	.4	32.5	67.0	.1
10,000 to 29,999 pounds	64	100.0	4.6	21.4	73.9	.1
30,000 to 59,999 pounds	84	100.0	18.5	27.6	53.9	-
60,000 to 89,999 pounds	24	100.0	72.8	2.4	23.0	1.8
90,000 pounds and over	53	100.0	80.2	12.9	5.2	1.7
200 to 399 miles	381	100.0	46.1	25.4	28.5	-
Under 1,000 pounds	5	100.0	.1	85.8	10.3	3.8
1,000 to 9,999 pounds	26	100.0	.3	61.5	38.1	.1
10,000 to 29,999 pounds	103	100.0	15.9	35.0	49.1	-
30,000 to 59,999 pounds	110	100.0	26.1	32.6	41.3	-
60,000 to 89,999 pounds	71	100.0	97.9	.8	1.3	-
90,000 pounds and over	66	100.0	92.1	6.0	1.9	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 113--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	421	100.0	52.7	27.5	19.7	0.1
Under 1,000 pounds	4	100.0	.9	89.4	2.6	7.1
1,000 to 9,999 pounds	25	100.0	4.7	76.1	18.9	.3
10,000 to 29,999 pounds	68	100.0	21.6	44.2	33.9	.3
30,000 to 59,999 pounds	168	100.0	34.1	33.8	32.1	-
60,000 to 89,999 pounds	74	100.0	91.0	7.6	1.4	-
90,000 pounds and over	82	100.0	100.0	-	-	-
600 to 999 miles	917	100.0	82.6	14.2	3.0	.2
Under 1,000 pounds	7	100.0	.5	89.5	.8	9.2
1,000 to 9,999 pounds	63	100.0	2.8	92.4	4.8	-
10,000 to 29,999 pounds	76	100.0	38.2	47.1	14.7	-
30,000 to 59,999 pounds	185	100.0	76.8	15.9	7.0	.3
60,000 to 89,999 pounds	315	100.0	99.9	.1	-	-
90,000 pounds and over	271	100.0	99.2	.4	-	.4
1,000 miles and over	11,813	100.0	99.1	.6	.2	.1
Under 1,000 pounds	7	100.0	.9	89.8	.1	9.2
1,000 to 9,999 pounds	35	100.0	39.0	47.3	1.9	11.8
10,000 to 29,999 pounds	129	100.0	92.5	3.1	2.8	1.6
30,000 to 59,999 pounds	1,148	100.0	96.3	2.9	.2	.6
60,000 to 89,999 pounds	6,072	100.0	99.5	.1	.4	-
90,000 pounds and over	4,422	100.0	99.9	-	-	.1

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 113--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,227	100.0	71.1	12.4	16.2	-	0.2	-	0.1
New England	79	100.0	47.8	30.2	22.0	-	-	-	-
Middle Atlantic	127	100.0	19.9	42.4	36.9	0.4	-	-	.4
East North Central	1,472	100.0	32.6	26.4	40.9	-	-	0.1	-
South Atlantic	1,006	100.0	21.3	25.6	53.0	-	-	-	.1
East South Central	766	100.0	58.1	30.5	11.2	.1	-	.1	-
West South Central	333	100.0	69.5	7.6	22.9	-	-	-	-
Pacific[1]	8,024	100.0	85.7	6.4	7.5	-	.3	-	.1
Balance of United States[2]	420	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	13,934	100.0	93.9	3.4	2.6	-	.1	-	-
New England	62	100.0	90.4	5.5	4.1	-	-	-	-
Middle Atlantic	66	100.0	62.2	31.3	5.7	.8	-	-	-
East North Central	477	100.0	56.5	24.5	18.5	-	.4	.1	-
South Atlantic	278	100.0	36.2	29.8	34.0	-	-	-	-
East South Central	376	100.0	64.9	30.9	4.0	.1	-	.1	-
West South Central	154	100.0	80.4	6.6	13.0	-	-	-	-
Pacific[1]	11,991	100.0	97.7	.9	1.2	-	.1	-	.1
Balance of United States[2]	530	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 113--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	12,227	12,227	387	1,431	2,516	1,328	1,978	1,011	984	320	2,272
Ton-miles.....millions..	13,934	13,934	683	2,441	2,682	1,773	2,665	1,333	1,327	249	781
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	12,227	100.0	3.2	11.7	20.5	10.9	16.2	8.3	8.0	2.6	18.6
Shipments from--											
New England.....	79	100.0	41.7	8.5	22.5	.5	5.9	.2	-	-	20.7
Middle Atlantic.....	127	100.0	8.2	51.7	8.8	2.9	13.3	.7	3.1	.3	11.0
East North Central.....	1,472	100.0	4.1	12.2	57.3	10.0	8.8	4.0	1.5	.2	1.9
South Atlantic.....	1,006	100.0	3.5	16.4	7.6	.4	57.7	12.2	1.9	.1	.2
East South Central.....	766	100.0	.5	7.1	25.8	3.7	21.8	22.7	17.4	-	1.0
West South Central.....	333	100.0	.6	4.5	22.1	5.3	18.8	21.7	24.0	1.5	1.5
Pacific[2].....	8,024	100.0	2.7	11.0	13.8	13.2	12.3	7.1	8.9	3.6	27.4
Balance of U.S.[3].....	420	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	13,934	100.0	4.9	17.5	19.3	12.7	19.1	9.6	9.5	1.8	5.6
Shipments from--											
New England.....	62	100.0	4.4	2.9	21.0	.7	5.8	.3	-	-	64.9
Middle Atlantic.....	66	100.0	1.6	8.2	10.0	5.9	14.7	1.5	7.3	1.1	49.7
East North Central.....	477	100.0	11.2	19.8	26.5	10.0	14.4	3.3	3.5	.5	10.8
South Atlantic.....	278	100.0	7.0	23.0	16.1	1.0	32.3	13.1	5.7	.5	1.3
East South Central.....	376	100.0	1.1	12.7	31.8	5.2	21.3	10.4	12.5	-	5.0
West South Central.....	154	100.0	1.7	9.8	25.6	5.4	25.7	11.5	12.9	2.4	5.0
Pacific[2].....	11,991	100.0	4.7	17.6	17.5	13.6	19.3	10.1	10.1	1.9	5.2
Balance of U.S.[3].....	530	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 113--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Origin and destination division	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,227	100.0	71.1	12.4	16.2	-	0.2	-	0.1
East North Central, total	1,472	100.0	32.6	26.4	40.9	-	-	0.1	-
Shipments to--									
Middle Atlantic	180	100.0	63.0	11.4	25.6	-	-	-	-
East North Central	843	100.0	16.9	26.6	56.5	-	-	-	-
West North Central	147	100.0	50.5	26.4	22.8	-	-	.3	-
South Atlantic	130	100.0	46.0	46.0	8.0	-	-	-	-
South Atlantic, total	1,006	100.0	21.3	25.6	53.0	-	-	-	.1
Shipments to--									
Middle Atlantic	165	100.0	29.4	28.2	42.4	-	-	-	-
South Atlantic	581	100.0	9.8	24.4	65.6	-	-	-	.2
East South Central	123	100.0	29.7	18.3	52.0	-	-	-	-
Pacific, total	8,024	100.0	85.7	6.4	7.5	-	.3	-	.1
Shipments to--									
Middle Atlantic	882	100.0	99.8	-	-	-	-	-	.2
East North Central	1,105	100.0	99.7	.2	.1	-	-	-	-
West North Central	1,060	100.0	99.4	.5	.1	-	-	-	-
South Atlantic	989	100.0	99.5	.2	.3	-	-	-	-
East South Central	573	100.0	99.9	.1	-	-	-	-	-
West South Central	714	100.0	98.1	.4	1.4	-	-	-	.1
Pacific	2,193	100.0	51.0	22.1	25.7	-	1.0	-	.2
TON-MILES	(millions of ton-miles)								
U.S. total	13,934	100.0	93.9	3.4	2.6	-	.1	-	-
East North Central, total	477	100.0	56.5	24.5	18.5	-	.4	.1	-
Shipments to--									
Middle Atlantic	95	100.0	75.8	12.5	11.7	-	-	-	-
East North Central	126	100.0	24.6	30.5	44.9	-	-	-	-
West North Central	48	100.0	58.7	26.8	14.2	-	-	.3	-
South Atlantic	69	100.0	59.3	35.6	5.1	-	-	-	-
South Atlantic, total	278	100.0	36.2	29.8	34.0	-	-	-	-
Shipments to--									
Middle Atlantic	64	100.0	31.6	30.6	37.8	-	-	-	-
South Atlantic	90	100.0	12.3	30.7	56.9	0.1	-	-	-
East South Central	36	100.0	41.5	26.4	32.1	-	-	-	-
Pacific, total	11,991	100.0	97.7	.9	1.2	-	.1	-	.1
Shipments to--									
Middle Atlantic	2,107	100.0	99.8	-	-	-	-	-	.2
East North Central	2,100	100.0	99.7	.2	.1	-	-	-	-
West North Central	1,633	100.0	99.5	.4	.1	-	-	-	-
South Atlantic	2,325	100.0	99.5	.2	.3	-	-	-	-
East South Central	1,213	100.0	99.9	.1	-	-	-	-	-
West South Central	1,206	100.0	98.2	.4	1.3	-	-	-	.1
Pacific	622	100.0	68.5	12.0	16.9	-	2.3	-	.3

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 113--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	12,227	1,423	9,393	1,411	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	13,934	722	11,563	1,649
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	71.1	23.2	76.3	85.9	93.9	73.2	94.7	96.7
Motor carrier.....	12.4	28.4	11.3	2.9	3.4	13.0	3.1	1.2
Private truck.....	16.2	48.1	12.1	11.1	2.6	13.3	2.1	2.0
Air.....	-	.1	-	-	-	.1	-	-
Water.....	.2	-	.2	-	.1	.3	.1	-
Other.....	-	.1	-	-	-	.1	-	-
Unknown.....	.1	.1	.1	.1	-	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	13.2	39.2	10.7	3.1	.6	4.3	.5	.2
100 to 199 miles.....	9.3	17.4	7.2	14.9	1.2	5.1	.8	1.9
200 to 299 miles.....	7.5	11.0	7.3	4.8	1.6	5.3	1.5	1.0
300 to 399 miles.....	3.8	5.2	3.4	4.8	1.2	3.7	1.0	1.4
400 to 499 miles.....	3.9	2.9	3.8	5.4	1.5	2.6	1.4	2.0
500 to 999 miles.....	13.2	6.5	13.2	19.8	8.3	8.1	7.7	12.4
1,000 miles and over.....	49.1	17.8	54.4	47.2	85.6	70.9	87.1	81.1

Table 8. SHIPPER CLASS 113--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Millwork, Veneer, Plywood, and Prefabricated Structural Wood Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	80.5	73.3	96.6	85.9
Highway facilities	66.5	64.4	70.5	77.5
Rail and highway facilities	56.1	51.1	67.1	63.4
Air facilities	61.9	64.4	55.4	73.2
Rail, highway, and air facilities	36.4	33.3	42.0	53.5
Water facilities	17.7	15.6	22.0	26.8
Rail, highway, air, and water facilities	10.0	6.7	16.6	26.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. All of the plants reported they had some of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 114--Percent Distribution of Distance, by Means of Transport: 1967

Wooden Containers and Miscellaneous Wood Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	10,918	100.0	39.4	21.6	38.4	-	0.3	0.2	0.1
Under 50 miles	1,402	100.0	7.6	27.9	63.5	-	.9	.1	-
50 to 99 miles	1,482	100.0	14.5	29.0	56.4	-	-	.1	-
100 to 199 miles	1,796	100.0	16.6	29.0	53.9	-	-	.2	.3
200 to 299 miles	1,772	100.0	24.2	15.8	59.4	-	-	.2	.4
300 to 399 miles	629	100.0	51.0	26.3	22.5	-	-	.2	-
400 to 499 miles	602	100.0	41.9	30.6	26.9	-	-	.5	.1
500 to 599 miles	446	100.0	63.3	21.5	14.6	-	-	.6	-
600 to 799 miles	748	100.0	73.9	18.6	7.3	-	-	.2	-
800 to 999 miles	430	100.0	87.9	9.3	2.7	0.1	-	-	-
1,000 to 1,499 miles	429	100.0	89.5	9.3	1.0	-	-	.2	-
1,500 to 1,999 miles	790	100.0	95.2	4.4	.4	-	-	-	-
2,000 miles and over	392	100.0	84.4	8.5	.5	.2	6.4	-	-
TON-MILES	(millions of ton-miles)								
Total	5,238	100.0	72.4	13.2	13.3	-	1.0	.1	-
Under 50 miles	35	100.0	8.6	30.7	60.1	-	.5	.1	-
50 to 99 miles	113	100.0	14.3	29.0	56.6	-	-	.1	-
100 to 199 miles	256	100.0	17.0	28.6	54.0	-	-	.1	.3
200 to 299 miles	432	100.0	23.7	16.2	59.6	-	-	.2	.3
300 to 399 miles	219	100.0	52.0	26.0	21.8	-	-	.2	-
400 to 499 miles	264	100.0	42.6	30.1	26.8	-	-	.4	.1
500 to 599 miles	247	100.0	64.0	21.0	14.4	-	-	.6	-
600 to 799 miles	519	100.0	74.7	18.1	7.0	-	-	.2	-
800 to 999 miles	391	100.0	88.5	9.0	2.4	.1	-	-	-
1,000 to 1,499 miles	525	100.0	89.7	9.2	.9	-	-	.2	-
1,500 to 1,999 miles	1,373	100.0	95.3	4.3	.4	-	-	-	-
2,000 miles and over	864	100.0	83.9	9.2	.5	.2	6.2	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 114--Percent Distribution of Weight, by Means of Transport: 1967

Wooden Containers and Miscellaneous Wood Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	10,724	100.0	38.4	21.9	39.0	0.7
Under 1,000 pounds	149	100.0	3.0	90.4	3.4	3.2
Under 50 pounds	3	100.0	2.3	36.7	1.9	59.1
50 to 99 pounds	6	100.0	1.7	83.0	2.0	13.3
100 to 199 pounds	18	100.0	3.2	92.2	1.7	2.9
200 to 499 pounds	61	100.0	2.7	92.3	2.6	2.4
500 to 999 pounds	61	100.0	3.4	90.8	4.8	1.0
1,000 to 9,999 pounds	500	100.0	5.6	48.3	45.3	.8
1,000 to 1,999 pounds	67	100.0	1.7	77.4	19.8	1.1
2,000 to 2,999 pounds	56	100.0	2.1	64.3	33.6	-
3,000 to 3,999 pounds	50	100.0	.5	68.6	28.6	2.3
4,000 to 4,999 pounds	53	100.0	3.2	40.7	54.5	1.6
5,000 to 9,999 pounds	274	100.0	8.6	35.6	55.3	.5
10,000 to 29,999 pounds	1,838	100.0	9.5	23.8	66.1	.6
10,000 to 19,999 pounds	790	100.0	10.0	26.1	63.4	.5
20,000 to 29,999 pounds	1,048	100.0	9.1	22.0	68.2	.7
30,000 to 59,999 pounds	4,657	100.0	13.0	29.6	56.8	.6
30,000 to 39,999 pounds	2,206	100.0	7.3	37.5	55.0	.2
40,000 to 49,999 pounds	2,029	100.0	11.0	19.9	68.0	1.1
50,000 to 59,999 pounds	422	100.0	52.3	35.2	12.1	.4
60,000 to 89,999 pounds	1,698	100.0	90.6	6.3	2.8	.3
60,000 to 69,999 pounds	480	100.0	84.0	14.1	1.6	.3
70,000 to 79,999 pounds	525	100.0	94.3	2.6	2.8	.3
80,000 to 89,999 pounds	693	100.0	92.6	3.6	3.6	.2
90,000 pounds and over	1,882	100.0	94.0	2.6	2.6	.8
TON-MILES	(millions of ton-miles)					
Total	5,155	100.0	72.0	13.4	13.5	1.1
Under 1,000 pounds	82	100.0	5.6	88.7	.5	5.2
Under 50 pounds	2	100.0	4.9	32.8	.2	62.1
50 to 99 pounds	3	100.0	3.8	80.8	.5	14.9
100 to 199 pounds	11	100.0	6.6	88.2	.2	5.0
200 to 499 pounds	36	100.0	4.4	90.1	.3	5.2
500 to 999 pounds	30	100.0	6.8	91.0	.8	1.4
1,000 to 9,999 pounds	154	100.0	9.8	67.8	19.2	3.2
1,000 to 1,999 pounds	29	100.0	1.2	90.9	4.9	3.0
2,000 to 2,999 pounds	17	100.0	2.6	88.5	8.9	-
3,000 to 3,999 pounds	17	100.0	1.1	84.6	9.8	4.5
4,000 to 4,999 pounds	14	100.0	5.6	63.7	21.7	9.0
5,000 to 9,999 pounds	77	100.0	17.4	51.5	28.5	2.6
10,000 to 29,999 pounds	461	100.0	32.2	24.0	41.9	1.9
10,000 to 19,999 pounds	221	100.0	33.3	25.6	39.3	1.8
20,000 to 29,999 pounds	240	100.0	31.2	22.6	44.3	1.9
30,000 to 59,999 pounds	1,160	100.0	32.3	26.7	39.7	1.3
30,000 to 39,999 pounds	425	100.0	26.8	32.8	39.3	1.1
40,000 to 49,999 pounds	591	100.0	23.9	26.0	48.4	1.7
50,000 to 59,999 pounds	144	100.0	82.9	11.1	6.0	-
60,000 to 89,999 pounds	1,467	100.0	97.1	2.2	.5	.2
60,000 to 69,999 pounds	220	100.0	97.0	2.7	.3	-
70,000 to 79,999 pounds	469	100.0	94.7	3.6	1.0	.7
80,000 to 89,999 pounds	778	100.0	98.7	1.2	.1	-
90,000 pounds and over	1,831	100.0	94.9	3.3	.2	1.6

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 114--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Wooden Containers and Miscellaneous Wood Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	10,724	100.0	38.4	21.9	39.0	0.7
Under 200 miles	4,659	100.0	13.1	28.7	57.7	.5
Under 1,000 pounds	41	100.0	-	86.7	11.0	2.3
1,000 to 9,999 pounds	284	100.0	4.7	31.7	63.5	.1
10,000 to 29,999 pounds	1,107	100.0	2.3	23.8	73.5	.4
30,000 to 59,999 pounds	2,563	100.0	2.8	34.0	62.7	.5
60,000 to 89,999 pounds	281	100.0	58.4	27.5	12.8	1.3
90,000 pounds and over	383	100.0	86.9	-	12.6	.5
200 to 399 miles	2,321	100.0	28.8	19.2	51.5	.5
Under 1,000 pounds	31	100.0	2.3	94.4	.8	2.5
1,000 to 9,999 pounds	79	100.0	2.1	63.5	33.7	.7
10,000 to 29,999 pounds	403	100.0	5.9	18.2	74.9	1.0
30,000 to 59,999 pounds	1,285	100.0	11.7	20.9	67.0	.4
60,000 to 89,999 pounds	299	100.0	95.8	1.9	2.3	-
90,000 pounds and over	224	100.0	91.8	8.2	-	-
400 to 599 miles	993	100.0	48.6	28.1	22.8	.5
Under 1,000 pounds	21	100.0	1.0	95.5	.5	3.0
1,000 to 9,999 pounds	51	100.0	3.1	72.3	24.6	-
10,000 to 29,999 pounds	165	100.0	16.0	36.5	47.3	.2
30,000 to 59,999 pounds	399	100.0	26.5	39.3	33.0	1.2
60,000 to 89,999 pounds	207	100.0	95.5	2.3	2.2	-
90,000 pounds and over	150	100.0	100.0	-	-	-
600 to 999 miles	1,147	100.0	78.5	15.6	5.8	.1
Under 1,000 pounds	37	100.0	5.0	92.2	.2	2.6
1,000 to 9,999 pounds	61	100.0	12.1	75.4	10.3	2.2
10,000 to 29,999 pounds	87	100.0	43.9	35.5	20.6	-
30,000 to 59,999 pounds	283	100.0	66.7	18.5	14.8	-
60,000 to 89,999 pounds	327	100.0	97.2	2.8	-	-
90,000 pounds and over	352	100.0	98.2	1.8	-	-
1,000 miles and over	1,604	100.0	91.0	6.7	.6	1.7
Under 1,000 pounds	19	100.0	9.1	82.8	.1	8.0
1,000 to 9,999 pounds	25	100.0	16.2	73.4	2.6	7.8
10,000 to 29,999 pounds	77	100.0	77.7	11.7	5.7	4.9
20,000 to 59,999 pounds	127	100.0	68.1	24.5	3.3	4.1
60,000 tl 89,999 pounds	583	100.0	98.2	1.6	-	.2
90,000 pounds and over	773	100.0	95.1	3.2	-	1.7
TON-MILES	(millions of ton-miles)					
Total[1]	5,155	100.0	72.0	13.4	13.5	1.1
Under 200 miles	402	100.0	15.2	29.0	55.5	.3
Under 1,000 pounds	4	100.0	-	93.0	5.4	1.6
1,000 to 9,999 pounds	21	100.0	7.4	39.7	52.8	.1
10,000 to 29,999 pounds	94	100.0	3.7	23.6	72.6	.1
30,000 to 59,999 pounds	225	100.0	4.3	34.1	61.2	.4
60,000 to 89,999 pounds	23	100.0	66.4	23.2	10.2	.2
90,000 pounds and over	35	100.0	89.9	-	10.0	.1
200 to 399 miles	628	100.0	30.8	20.2	48.6	.4
Under 1,000 pounds	9	100.0	2.4	94.1	.8	2.7
1,000 to 9,999 pounds	22	100.0	2.3	66.0	30.7	1.0
10,000 to 29,999 pounds	100	100.0	7.7	21.8	69.7	.8
30,000 to 59,999 pounds	351	100.0	13.8	21.2	64.6	.4
60,000 to 89,999 pounds	83	100.0	96.3	1.6	2.1	-
90,000 pounds and over	63	100.0	89.4	10.6	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 114--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Wooden Containers and Miscellaneous Wood Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	486	100.0	50.6	27.0	21.9	0.5
Under 1,000 pounds	11	100.0	1.2	95.2	.4	3.2
1,000 to 9,999 pounds	25	100.0	3.4	72.3	24.3	-
10,000 to 29,999 pounds	77	100.0	16.1	37.0	46.7	.2
30,000 to 59,999 pounds	190	100.0	28.7	37.7	32.4	1.2
60,000 to 89,999 pounds	106	100.0	95.2	2.4	2.4	-
90,000 pounds and over	77	100.0	100.0	-	-	-
600 to 999 miles	885	100.0	80.1	14.5	5.2	.2
Under 1,000 pounds	28	100.0	4.9	92.2	.1	2.8
1,000 to 9,999 pounds	46	100.0	11.7	76.7	9.6	2.0
10,000 to 29,999 pounds	66	100.0	47.1	33.8	19.1	-
30,000 to 59,999 pounds	203	100.0	68.2	17.6	14.2	-
60,000 to 89,999 pounds	259	100.0	97.8	2.2	-	-
90,000 pounds and over	283	100.0	98.6	1.4	-	-
1,000 miles and over	2,754	100.0	90.6	6.8	.5	2.1
Under 1,000 pounds	31	100.0	9.4	81.3	-	9.3
1,000 to 9,999 pounds	40	100.0	17.1	70.5	3.1	9.3
10,000 to 29,999 pounds	124	100.0	75.7	12.8	5.4	6.1
30,000 to 59,999 pounds	191	100.0	64.5	26.7	3.4	5.4
60,000 to 89,999 pounds	995	100.0	98.0	1.7	-	.3
90,000 pounds and over	1,373	100.0	94.3	3.6	-	2.1

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 114--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Wooden Containers and Miscellaneous Wood Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,918	100.0	39.4	21.6	38.4	-	0.3	0.2	0.1
New England	254	100.0	10.2	24.5	65.0	-	-	-	.3
Middle Atlantic	384	100.0	29.8	50.0	19.5	-	-	.7	-
East North Central	1,630	100.0	12.2	19.8	67.5	-	-	.5	-
South Atlantic	2,777	100.0	24.8	26.6	48.2	-	-	-	.4
East South Central	1,328	100.0	53.2	8.3	38.3	-	-	.2	-
West South Central	1,514	100.0	32.8	29.3	37.9	-	-	-	-
Pacific[1]	2,318	100.0	70.1	11.5	16.7	-	1.6	.1	-
Balance of United States[2]	713	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	5,238	100.0	72.4	13.2	13.3	-	1.0	.1	-
New England	92	100.0	16.1	44.5	39.2	-	-	-	.2
Middle Atlantic	90	100.0	29.9	59.5	8.0	0.1	.1	2.4	-
East North Central	408	100.0	34.5	26.9	37.9	-	-	.7	-
South Atlantic	501	100.0	37.3	30.7	31.6	-	-	-	.4
East South Central	646	100.0	70.9	7.2	21.6	.1	-	.2	-
West South Central	468	100.0	65.7	6.7	27.6	-	-	-	-
Pacific[1]	2,700	100.0	89.7	6.2	2.0	.1	2.0	-	-
Balance of United States[2]	333	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 114--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Wooden Containers and Miscellaneous Wood Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	10,918	10,918	246	1,277	2,846	653	2,750	657	1,353	257	879
Ton-miles.....millions..	5,238	5,238	152	856	1,699	434	898	249	459	133	358
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	10,918	100.0	2.3	11.7	25.9	6.0	25.2	6.0	12.4	2.4	8.1
Shipments from--											
New England.....	254	100.0	39.2	46.1	4.6	2.1	2.6	2.7	1.1	.3	1.3
Middle Atlantic.....	384	100.0	7.2	44.3	6.7	.4	37.9	.7	1.2	.3	1.3
East North Central.....	1,630	100.0	.5	3.5	70.0	4.1	6.9	11.5	2.2	.2	1.1
South Atlantic.....	2,777	100.0	2.4	16.9	5.3	-	74.6	.6	.2	-	-
East South Central.....	1,328	100.0	.1	14.6	43.7	5.0	11.1	21.4	3.8	.2	.1
West South Central.....	1,514	100.0	.3	.2	2.2	4.9	4.1	5.9	76.6	3.5	2.3
Pacific[2].....	2,318	100.0	.9	7.4	25.5	8.6	8.7	2.6	3.4	7.8	35.1
Balance of U.S.[3].....	713	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	5,238	100.0	2.9	16.3	32.6	8.3	17.1	4.7	8.8	2.5	6.8
Shipments from--											
New England.....	92	100.0	17.8	35.2	10.2	6.6	5.5	8.9	4.6	1.7	9.5
Middle Atlantic.....	90	100.0	4.9	16.6	15.7	1.6	37.4	2.0	6.6	2.1	13.1
East North Central.....	408	100.0	1.6	7.7	45.4	5.2	10.9	11.5	8.6	1.0	8.1
South Atlantic.....	501	100.0	9.2	27.6	9.9	.2	51.2	.8	.8	.2	.1
East South Central.....	646	100.0	0.3	26.3	43.1	6.2	13.0	7.2	2.7	.8	.4
West South Central.....	468	100.0	1.4	.8	4.3	9.4	8.1	4.7	51.8	8.3	11.2
Pacific[2].....	2,700	100.0	2.0	14.0	37.0	9.5	15.9	4.3	5.2	2.9	9.2
Balance of U.S.[3].....	333	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 114 --Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Wooden Containers and Miscellaneous Wood Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,918	100.0	39.4	21.6	38.4	-	0.3	0.2	0.1
East North Central, total	1,630	100.0	12.2	19.8	67.5	-	-	.5	-
Shipments to--									
East North Central	1,139	100.0	8.5	14.7	76.4	-	-	.4	-
South Atlantic	112	100.0	14.6	51.6	31.3	-	-	2.5	-
South Atlantic, total	2,777	100.0	24.8	26.6	48.2	-	-	-	.4
Shipments to--									
Middle Atlantic	470	100.0	41.1	50.4	8.5	-	-	-	-
South Atlantic	2,069	100.0	18.9	21.6	59.0	-	-	-	.5
East South Central, total	1,328	100.0	53.2	8.3	38.3	-	-	.2	-
Shipments to--									
East North Central	580	100.0	42.0	6.6	51.0	-	-	.4	-
East South Central	285	100.0	25.4	15.1	59.3	-	-	.2	-
West South Central, total	1,514	100.0	32.8	29.3	37.9	-	-	-	-
Shipments to--									
West South Central	1,158	100.0	25.7	34.6	39.7	-	-	-	-
Pacific, total	2,318	100.0	70.1	11.5	16.7	-	1.6	.1	-
Shipments to--									
Pacific	814	100.0	36.6	17.8	40.7	-	4.6	.3	-
TON-MILES	(millions of ton-miles)								
U.S. total	5,238	100.0	72.4	13.2	13.3	-	1.0	.1	-
East North Central, total	408	100.0	34.5	26.9	37.9	-	-	.7	-
Shipments to--									
East North Central	186	100.0	18.7	24.2	56.6	-	-	.5	-
South Atlantic	44	100.0	35.1	29.9	32.3	0.1	-	2.6	-
South Atlantic, total	501	100.0	37.3	30.7	31.6	-	-	-	.4
Shipments to--									
Middle Atlantic	138	100.0	39.4	52.0	8.5	-	-	.1	-
South Atlantic	257	100.0	24.9	23.6	50.7	-	-	-	.8
East South Central, total	646	100.0	70.9	7.2	21.6	.1	-	.2	-
Shipments to--									
East North Central	278	100.0	56.5	7.4	35.7	-	-	.4	-
East South Central	46	100.0	45.8	17.3	36.8	-	-	.1	-
West South Central, total	468	100.0	65.7	6.7	27.6	-	-	-	-
Shipments to--									
West South Central	242	100.0	56.4	10.5	33.1	-	-	-	-
Pacific, total	2,700	100.0	89.7	6.2	2.0	.1	2.0	-	-
Shipments to--									
Pacific	248	100.0	57.0	7.0	14.5	-	21.4	.1	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 114--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Wooden Containers and Miscellaneous Wood Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	10,918	7,323	3,595	-	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	5,238	3,582	1,656	-
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	-	100.0	100.0	100.0	-
Rail.....	39.4	38.2	41.9	-	72.4	75.6	65.1	-
Motor carrier.....	21.6	19.6	25.5	-	13.2	9.0	22.3	-
Private truck.....	38.4	41.6	31.7	-	13.3	14.1	11.4	-
Air.....	-	-	-	-	-	.1	-	-
Water.....	.3	.3	.5	-	1.0	1.1	.9	-
Other.....	.2	.2	.2	-	.1	.1	.2	-
Unknown.....	.1	.1	.2	-	-	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	-	100.0	100.0	100.0	-
Under 100 miles.....	26.4	30.0	18.9	-	2.8	3.3	1.9	-
100 to 199 miles.....	16.4	16.3	16.8	-	4.9	4.8	5.1	-
200 to 299 miles.....	16.2	17.2	14.3	-	8.2	8.5	7.7	-
300 to 399 miles.....	5.8	3.5	10.4	-	4.2	2.5	7.9	-
400 to 499 miles.....	5.5	4.1	8.5	-	5.0	3.7	8.0	-
500 to 999 miles.....	14.9	12.2	20.2	-	22.1	18.0	31.0	-
1,000 miles and over.....	14.8	16.7	10.9	-	52.8	59.2	38.4	-

Table 8. SHIPPER CLASS 114--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Wooden Containers and Miscellaneous Wood Products

Shipping facilities available	All plants	Plants with--	
		20 to 99 employees	100 employees and over
Total.....	100.0	100.0	100.0
Rail facilities.....	68.7	63.3	88.1
Highway facilities.....	72.8	72.1	75.3
Rail and highway facilities.....	45.1	40.0	63.4
Air facilities.....	67.8	70.6	57.8
Rail, highway, and air facilities.....	36.7	36.9	36.0
Water facilities.....	8.9	6.1	18.9
Rail, highway, air, and water facilities.	3.9	1.5	12.3

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 7.5 percent reported they did not have any of the above transportation facilities available.

Shipper Group 12

Furniture, Fixtures, and Miscellaneous Manufactured Products

121 Household and office furniture

122 Other furniture, fixtures, and partitions

123 Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry; novelties and notions

124 Musical instruments; pens, pencils, and office and artists' supplies and materials; and other miscellaneous manufactured products

SAMPLE SIZE

The sample for this shipper group consisted of 475 establishments, of which 420 were in scope and provided data from 52,988 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (55 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 12 and their related SIC industries are as follows:

Shipper Class 121.--Household and office furniture
- SIC 2511.--Wood household furniture, except upholstered
- SIC 2512.--Wood household furniture, upholstered
- SIC 2514.--Metal household furniture
- SIC 2515.--Mattresses and bedsprings
- SIC 2519.--Household furniture, n.e.c.
- SIC 2521.--Wood office furniture
- SIC 2522.--Metal office furniture

Shipper Class 122.--Other furniture, fixtures, and partitions
- SIC 2531.--Public building and related furniture
- SIC 2541.--Wood partitions, shelving, lockers, and office and store fixtures
- SIC 2542.--Metal partitions, shelving, lockers, and office and store fixtures
- SIC 2591.--Venetian blinds and shades
- SIC 2599.--Furniture and fixtures, n.e.c.

Shipper Class 123.--Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties, and notions
- SIC 3911.--Jewelry, precious metal
- SIC 3912.--Jewelers' findings and materials
- SIC 3913.--Lapidary work
- SIC 3914.--Silverware, plated ware, and stainless steelware
- SIC 3941.--Games and toys, except dolls and children's vehicles
- SIC 3942.--Dolls
- SIC 3943.--Children's vehicles, except bicycles
- SIC 3949.--Sporting and athletic goods, n.e.c.
- SIC 3961.--Costume jewelry and costume novelties, except precious metal
- SIC 3962.--Feathers, plumes, and artificial flowers
- SIC 3963.--Buttons
- SIC 3964.--Needles, pins, hooks and eyes, and similar notions

Shipper Class 124.--Musical instruments; pens, pencils, and office and artists' supplies and materials; and other miscellaneous manufactured products
- SIC 3931.--Musical instruments
- SIC 3951.--Pens, pen points, fountain pens, ball point pens, mechanical pencils, and parts
- SIC 3952.--Lead pencils, crayons, and artists' materials
- SIC 3953.--Marking devices
- SIC 3955.--Carbon paper and inked ribbons
- SIC 3991.--Brooms and brushes
- SIC 3993.--Signs and advertising displays
- SIC 3994.--Morticians' goods
- SIC 3996.--Linoleum, asphalted-felt-base, and other hard surface floor coverings, n.e.c.
- SIC 3999.--Manufacturing industries, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
121--Household and office furniture	2511,2512,2514,2515, 2516,2517,2518,2519	2511,2512,2514,2515, 2519,2521,2522
122--Other furniture, fixtures, and partitions . . .	2531,2541,2542,2591, 2599	2531,2541,2542,2591, 2599
123--Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties, and notions . .	3911,3914,3941,3942, 3943,3949,3961,3962, 3963,3964	3911,3912,3913,3914, 3941,3942,3943,3949, 3961,3962,3963,3964
124--Musical instruments; pens, pencils, and office and artists' supplies and materials; and other miscellaneous manufactured products	3931,3951,3952,3953, 3955,3991,3992,3993, 3994,3996,3997,3999	3931,3951,3952,3953, 3955,3991,3993,3994, 3996,3999

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 89 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 12	8,712	100.0	88.8	11.2
Class 121	4,482	100.0	95.4	4.6
Class 122	1,830	100.0	88.6	11.4
Class 123	760	100.0	88.7	11.3
Class 124	1.640	100.0	70.9	29.1

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Furniture, Fixtures, and Miscellaneous Manufactured Products Shipper Group shipped (beyond the local area) about 8,712,000 tons of commodities during 1967. Those shipments generated about 5 billion ton-miles by all means of transport combined, averaging about 569 straight-line miles per ton shipped.

As shown in table A, the Household and Office Furniture Shipper Class dominates this group, shipping about half of the total tons. Other Furniture, Fixtures, and Partitions account for 21 percent of the tons, Musical Instruments and Office Supplies account for 21 percent, and Jewelry, Toys and Sporting Equipment account for 9 percent.

Motor carriers are the major means of transport for the shipper group and for each of the shipper classes. Their share is 53 percent for the shipper group and ranges from 40 to 70 percent among the shipper classes.

When measured in terms of ton-miles, rather than tons, motor carriers are still dominant, but the share for rail has increased. Of the 5 billion ton-miles for the shipper group, motor carriers account for 2 billion, rails almost 2 billion, and private trucks almost 1 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 7 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the Furniture, Fixtures, and Miscellaneous Manufactured Products Shipper Group and each of the shipper classes for both years. A slight decrease for the group is indicated in the table, from 8.8 million tons in 1963 to 8.7 million tons in 1967. The figures published in 1963 for shipper class 123 (Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions) did not include tonnages for plants classified in the toys, sporting goods, and costume jewelry industries. Since the 1967 data include tonnages for plants in these industries, no comparisons between the two years can be made.

As shown in table C, the relative distribution of tons by means of transport for the two years is fairly stable for rail in the shipper group. The private truck share declined about 12 percent which was offset by an increase in the motor carrier share. The motor carriers position of dominance holds in both years for the shipper group and for all shipper classes, except in the Household and Office Furniture Shipper Class where private trucks were the major means in 1963.

There is a general tendency toward longer hauls in 1967 by each means of transport for Shipper Group 12, as presented in table D. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 12: Furniture, fixtures, and miscellaneous manufactured products.....	8,712	1,789	4,628	2,035	260
Shipper Classes:					
121. Household and office furniture.....	4,482	1,183	1,815	1,379	105
122. Other furniture, fixtures, and partitions.....	1,830	269	1,206	336	19
123. Jewelry, silver and plated ware; toys; amusement, sporting and athletic goods; costume jewelry, novelties, and notions.....	760	225	455	15	65
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other manufactured products.	1,640	112	1,152	305	71
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 12: Furniture, fixtures, and miscellaneous manufactured products.....	4,961	1,616	2,445	609	291
Shipper Classes:					
121. Household and office furniture.....	2,248	907	848	343	150
122. Other furniture, fixtures, and partitions.....	1,135	268	714	136	17
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties, and notions.....	670	306	300	3	61
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other manufactured products.	908	135	583	127	63

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 12: Furniture, fixtures, and miscellaneous manufactured products	8,712	8,795	9,494
Shipper Classes:			
121. Household and office furniture	4,482	5,551	6,000
122. Other furniture, fixtures, and partitions	1,830	1,247	1,274
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties, and notions	760	(2)	(2)
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other manufactured products	1,640	1,961	2,184

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

[2]1963 data not comparable with 1967.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 12: Furniture, fixtures, and miscellaneous manufactured products:					
1967	100.0	20.5	53.2	23.4	2.9
1963	100.0	22.4	39.8	35.5	2.3
Shipper Classes					
121. Household and office furniture:					
1967	100.0	26.4	40.5	30.8	2.3
1963	100.0	24.1	33.1	41.8	1.0
122. Other furniture, fixtures, and partitions:					
1967	100.0	14.7	65.9	18.4	1.0
1963	100.0	16.2	57.0	24.6	2.2
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties, and notions:					
1967	100.0	29.6	60.0	2.0	8.4
1963[1]	-	-	-	-	-
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other manufactured products:					
1967	100.0	6.8	70.3	18.6	4.3
1963	100.0	21.6	47.8	25.1	5.5
TON-MILES					
Shipper Group 12: Furniture, fixtures, and miscellaneous manufactured products:					
1967	100.0	32.6	49.2	12.3	5.9
1963	100.0	41.4	35.9	18.1	4.6
Shipper Classes					
121. Household and office furniture:					
1967	100.0	40.4	37.7	15.3	6.6
1963	100.0	46.4	30.3	21.9	1.4
122. Other furniture, fixtures, and partitions:					
1967	100.0	23.6	62.9	12.0	1.5
1963	100.0	27.1	51.2	18.3	3.4
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties, and notions:					
1967	100.0	45.6	44.7	.5	9.2
1963[1]	-	-	-	-	-
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other manufactured products:					
1967	100.0	14.9	64.3	14.0	6.8
1963	100.0	41.3	37.2	10.9	10.6

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

[1]The 1963 data for Shipper Class 123 are not comparable with 1967 and therefore are not shown.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 12: Furniture, fixtures, and miscellaneous manufactured products:				
1967	569	903	528	299
1963	471	869	424	240
SHIPPER CLASSES				
121. Household and office furniture:				
1967	502	767	467	249
1963	406	781	372	213
122. Other furniture, fixtures, and partitions:				
1967	620	996	592	405
1963	601	1,010	540	447
123. Jewelry, silver and plated ware; toys; amusement, sporting, and athletic goods; costume jewelry, novelties, and notions:				
1967	882	1,360	659	200
1963[1]	-	-	-	-
124. Musical instruments; pens, pencils, and office and artists' supplies and materials; and other manufactured products:				
1967	554	1,205	506	416
1963	568	1,090	443	246

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

[1]The 1963 data for Shipper Class 123 are not comparable with 1967 and therefore are not shown.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 12: Furniture, Fixtures, and Miscellaneous Manufactured Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	20.8	52.7	23.5	3.0
1963	100.0	25.7	46.3	25.4	2.6
Distance (straight-line miles)					
Under 200 miles:					
1967	100.0	10.8	47.2	40.2	1.8
1963	100.0	6.4	50.8	40.1	2.7
200 to 399 miles:					
1967	100.0	10.5	62.5	25.0	2.0
1963	100.0	15.8	55.4	28.0	.8
400 miles and over:					
1967	100.0	30.8	51.6	13.4	4.2
1963	100.0	43.2	39.2	14.4	3.2
Weight					
Under 1,000 pounds:					
1967	100.0	9.0	63.6	22.0	5.4
1963	100.0	8.2	65.8	21.8	4.2
1,000 to 9,999 pounds:					
1967	100.0	14.6	50.6	32.7	2.1
1963	100.0	9.6	45.9	42.2	2.3
10,000 pounds and over:					
1967	100.0	35.6	46.3	16.1	2.0
1963	100.0	50.2	33.1	15.2	1.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 12: Furniture, Fixtures, and Miscellaneous Manufactured Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	20.5	53.2	23.4	2.9
1963	100.0	22.4	39.8	35.5	2.3
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	2.4	61.3	31.1	5.2
20 to 99 employees:					
1967	100.0	15.9	50.0	28.1	6.0
1963	100.0	6.4	32.9	59.2	1.5
100 to 499 employees:					
1967	100.0	11.4	57.9	28.6	2.1
1963	100.0	20.4	40.6	37.2	1.8
500 employees and over:					
1967	100.0	40.2	46.7	10.6	2.5
1963	100.0	45.9	37.7	13.4	3.0

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 12: Furniture, Fixtures, and Miscellaneous Manufactured Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	20.5	53.2	23.4	2.9
1963	100.0	22.4	39.8	35.5	2.3
Middle Atlantic:					
1967	100.0	20.3	58.5	18.4	2.8
1963	100.0	22.4	39.7	35.1	2.8
East North Central:					
1967	100.0	19.3	56.8	22.1	1.8
1963	100.0	24.2	55.0	17.7	3.1
South Atlantic:					
1967	100.0	24.4	46.2	25.9	3.5
1963	100.0	22.9	28.0	48.5	.6
Mountain and Pacific:					
1967	100.0	36.5	31.0	23.2	9.3
1963	100.0	21.5	54.3	21.3	2.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 12: FURNITURE, FIXTURES, AND MISCELLANEOUS MANUFACTURED PRODUCTS		
Total shipments	8,712	8.8
Shipments by--		
Rail	1,789	9.8
Motor carrier	4,628	10.6
Private truck	2,035	13.6
All other	260	-
Shipments from--		
New England Division	425	16.4
Middle Atlantic Division	1,755	11.4
East North Central Division	2,403	12.4
West North Central Division	795	53.4
South Atlantic Division	1,362	12.6
East South Central Division	738	32.0
West South Central Division	439	42.4
Pacific Division	764	30.4
Balance of United States	31	-
SHIPPER CLASS 121: HOUSEHOLD AND OFFICE FURNITURE		
Total shipments	4,482	10.6
Shipments by--		
Rail	1,183	14.6
Motor carrier	1,815	10.4
Private truck	1,379	15.0
All other	105	-
Shipments from--		
New England Division	165	32.0
Middle Atlantic Division	688	20.6
East North Central Division	880	13.6
West North Central Division	111	46.0
South Atlantic Division	1,207	14.8
East South Central Division	468	24.2
West South Central Division	342	50.4
Pacific Division	605	38.0
Balance of United States	16	-
SHIPPER CLASS 122: OTHER FURNITURE, FIXTURES, AND PARTITIONS		
Total shipments	1,830	25.0
Shipments by--		
Rail	269	13.2
Motor carrier	1,206	31.6
Private truck	336	35.2
All other	19	-
SHIPPER CLASS 122: OTHER FURNITURE, FIXTURES, AND PARTITIONS--Con.		
Shipments from--		
Middle Atlantic Division	280	36.4
East North Central Division	538	16.0
South Atlantic Division	88	42.0
Pacific Division	27	49.4
Balance of United States	897	-
SHIPPER CLASS 123: JEWELRY, SILVER AND PLATED WARE; TOYS; AMUSEMENT, SPORTING, AND ATHLETIC GOODS; COSTUME JEWELRY, NOVELTIES, AND NOTIONS		
Total shipments	760	10.6
Shipments by--		
Rail	225	17.0
Motor carrier	455	13.2
Private truck	15	34.0
All other	65	-
Shipments from--		
New England Division	146	14.0
Middle Atlantic Division	230	16.0
East North Central Division	218	23.2
Balance of United States	166	-
SHIPPER CLASS 124: MUSICAL INSTRUMENTS; PENS, PENCILS, AND OFFICE AND ARTISTS' SUPPLIES AND MATERIALS; AND OTHER MANUFACTURED PRODUCTS		
Total shipments	1,640	19.2
Shipments by--		
Rail	112	23.0
Motor carrier	1,152	20.2
Private truck	305	32.4
All other	71	-
Shipments from--		
New England Division	90	42.0
Middle Atlantic Division	557	20.2
East North Central Division	767	40.8
West North Central Division	46	52.8
South Atlantic Division	67	54.2
Balance of United States	113	-

TABLE 1. SHIPPER GROUP 12--Percent Distribution of Distance, by Means of Transport: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	8,712	100.0	20.5	53.2	23.4	0.1	0.9	1.7	0.2
Under 50 miles	669	100.0	6.2	44.1	47.9	.2	.1	1.3	.2
50 to 99 miles	648	100.0	3.5	50.4	44.6	-	.3	1.1	.1
100 to 199 miles	1,184	100.0	16.7	48.8	32.6	-	-	1.8	.1
200 to 299 miles	938	100.0	9.1	61.3	28.3	-	-	1.1	.2
300 to 399 miles	935	100.0	11.6	64.7	21.1	-	.2	2.3	.1
400 to 499 miles	743	100.0	14.7	61.3	21.1	-	-	1.9	1.0
500 to 599 miles	725	100.0	23.3	53.6	21.7	-	.1	.7	.6
600 to 799 miles	1,005	100.0	33.7	52.3	12.4	.1	.1	1.3	.1
800 to 999 miles	549	100.0	28.6	51.6	16.5	.3	.5	2.5	-
1,000 to 1,199 miles	304	100.0	26.9	64.7	5.6	.2	.5	2.1	-
1,200 to 1,499 miles	203	100.0	38.6	49.6	7.9	.8	.3	2.8	-
1,500 to 1,999 miles	433	100.0	46.6	46.0	3.5	.1	1.2	2.5	.1
2,000 miles and over	376	100.0	52.5	26.5	.2	.4	16.9	3.5	-
TON-MILES	(millions of ton-miles)								
Total	4,961	100.0	32.6	49.2	12.3	.2	3.3	2.2	.2
Under 50 miles	19	100.0	6.0	44.4	48.0	.2	-	1.2	.2
50 to 99 miles	49	100.0	3.7	51.1	43.7	-	.2	1.2	.1
100 to 199 miles	177	100.0	16.6	49.3	32.0	-	-	2.0	.1
200 to 299 miles	232	100.0	9.2	61.0	28.5	-	-	1.1	.2
300 to 399 miles	323	100.0	11.7	64.8	21.0	-	.2	2.2	.1
400 to 499 miles	334	100.0	14.7	61.3	21.2	-	-	1.9	.9
500 to 599 miles	397	100.0	23.3	53.8	21.5	-	.1	.7	.6
600 to 799 miles	690	100.0	33.6	52.6	12.1	.1	.1	1.4	.1
800 to 999 miles	489	100.0	28.5	51.6	16.6	.3	.5	2.5	-
1,000 to 1,199 miles	328	100.0	27.1	64.5	5.6	.2	.5	2.1	-
1,200 to 1,499 miles	270	100.0	38.9	49.4	7.9	.8	.2	2.8	-
1,500 to 1,999 miles	771	100.0	46.2	46.5	3.5	.1	1.3	2.3	.1
2,000 miles and over	882	100.0	52.2	26.7	.2	.5	16.6	3.7	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 12--Percent Distribution of Weight, by Means of Transport: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	8,523	100.0	20.8	52.7	23.5	3.0
Under 1,000 pounds	2,465	100.0	9.0	63.6	22.0	5.4
Under 50 pounds	101	100.0	2.5	41.9	7.1	48.5
50 to 99 pounds	144	100.0	7.1	66.9	15.0	11.0
100 to 199 pounds	401	100.0	8.0	68.8	18.9	4.3
200 to 499 pounds	964	100.0	9.3	64.1	23.8	2.8
500 to 999 pounds	855	100.0	10.3	62.3	24.4	3.0
1,000 to 9,999 pounds	2,898	100.0	14.6	50.6	32.7	2.1
1,000 to 1,999 pounds	874	100.0	11.5	56.7	30.4	1.4
2,000 to 2,999 pounds	493	100.0	8.6	54.8	34.9	1.7
3,000 to 3,999 pounds	327	100.0	13.1	52.8	32.2	1.9
4,000 to 4,999 pounds	229	100.0	11.6	50.5	35.3	2.6
5,000 to 9,999 pounds	975	100.0	21.8	42.3	33.1	2.8
10,000 to 29,999 pounds	2,194	100.0	38.8	39.2	19.1	2.9
10,000 to 19,999 pounds	1,449	100.0	41.4	37.9	19.8	.9
20,000 to 29,999 pounds	745	100.0	34.0	41.7	17.6	6.7
30,000 to 59,999 pounds	743	100.0	28.4	60.4	11.2	-
30,000 to 39,999 pounds	432	100.0	13.4	67.7	18.9	-
40,000 to 49,999 pounds	206	100.0	23.6	75.8	.6	-
50,000 to 59,999 pounds	105	100.0	99.5	.5	-	-
60,000 to 89,999 pounds	143	100.0	40.4	59.6	-	-
60,000 to 69,999 pounds	82	100.0	46.1	53.9	-	-
70,000 to 79,999 pounds	47	100.0	12.2	87.8	-	-
80,000 to 89,999 pounds	14	100.0	100.0	-	-	-
90,000 pounds and over	80	100.0	6.0	84.3	9.7	-
TON-MILES	(millions of ton-miles)					
Total	4,872	100.0	32.6	49.1	12.4	5.9
Under 1,000 pounds	1,240	100.0	16.2	65.2	9.0	9.6
Under 50 pounds	63	100.0	3.2	35.8	2.4	58.6
50 to 99 pounds	81	100.0	11.6	67.9	6.3	14.2
100 to 199 pounds	192	100.0	14.7	70.3	7.6	7.4
200 to 499 pounds	464	100.0	16.7	67.9	9.7	5.7
500 to 999 pounds	440	100.0	19.0	63.7	10.4	6.9
1,000 to 9,999 pounds	1,394	100.0	23.1	53.3	19.5	4.1
1,000 to 1,999 pounds	424	100.0	20.2	58.3	17.4	4.1
2,000 to 2,999 pounds	229	100.0	14.9	60.9	19.7	4.5
3,000 to 3,999 pounds	186	100.0	23.9	54.3	16.4	5.4
4,000 to 4,999 pounds	101	100.0	15.0	57.3	19.6	8.1
5,000 to 9,999 pounds	454	100.0	31.5	43.1	22.8	2.6
10,000 to 29,999 pounds	1,461	100.0	47.1	33.6	11.6	7.7
10,000 to 19,999 pounds	883	100.0	48.0	37.9	13.3	.8
20,000 to 29,999 pounds	578	100.0	45.6	27.1	9.0	18.3
30,000 to 59,999 pounds	567	100.0	49.7	41.6	8.7	-
30,000 to 39,999 pounds	245	100.0	28.5	51.4	20.1	-
40,000 to 49,999 pounds	165	100.0	33.4	66.4	.2	-
50,000 to 59,999 pounds	157	100.0	99.8	.2	-	-
60,000 to 89,999 pounds	165	100.0	55.6	44.4	-	-
60,000 to 69,999 pounds	84	100.0	58.4	41.6	-	-
70,000 to 79,999 pounds	49	100.0	21.1	78.9	-	-
80,000 to 89,999 pounds	32	100.0	100.0	-	-	-
90,000 pounds and over	45	100.0	11.3	86.7	2.0	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 12--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	8,523	100.0	20.8	52.7	23.5	3.0
Under 200 miles	2,406	100.0	10.8	47.2	40.2	1.8
Under 1,000 pounds	822	100.0	2.5	51.6	42.3	3.6
1,000 to 9,999 pounds	989	100.0	6.9	43.1	48.5	1.5
10,000 to 29,999 pounds	452	100.0	37.0	34.4	28.6	-
30,000 to 89,999 pounds	120	100.0	2.1	94.2	3.7	-
90,000 pounds and over	23	100.0	5.1	65.5	29.4	-
200 to 399 miles	1,843	100.0	10.5	62.5	25.0	2.0
Under 1,000 pounds	549	100.0	5.7	70.4	20.4	3.5
1,000 to 9,999 pounds	654	100.0	8.8	54.4	34.0	2.8
10,000 to 29,999 pounds	411	100.0	21.4	54.8	23.8	-
30,000 to 59,999 pounds	202	100.0	8.5	77.2	14.3	-
60,000 to 89,999 pounds	26	100.0	-	100.0	-	-
90,000 pounds and over	1	100.0	-	100.0	-	-
400 to 599 miles	1,450	100.0	19.2	57.2	21.4	2.2
Under 1,000 pounds	401	100.0	10.3	71.7	13.7	4.3
1,000 to 9,999 pounds	497	100.0	20.2	52.0	27.4	.4
10,000 to 29,999 pounds	426	100.0	24.2	45.1	27.8	2.9
30,000 to 59,999 pounds	56	100.0	12.5	86.4	1.1	-
60,000 to 89,999 pounds	25	100.0	100.0	-	-	-
90,000 pounds and over	45	100.0	2.8	97.2	-	-
600 to 999 miles	1,534	100.0	32.2	51.7	13.9	2.2
Under 1,000 pounds	392	100.0	15.5	71.3	6.0	7.2
1,000 to 9,999 pounds	459	100.0	23.4	56.9	18.6	1.1
10,000 to 29,999 pounds	489	100.0	52.2	36.4	11.3	.1
30,000 to 59,999 pounds	167	100.0	42.2	29.0	28.8	-
60,000 to 89,999 pounds	26	100.0	2.9	97.1	-	-
90,000 pounds and over	1	100.0	-	-	100.0	-
1,000 miles and over	1,290	100.0	42.3	45.4	3.7	8.6
Under 1,000 pounds	300	100.0	22.7	61.8	1.7	13.8
1,000 to 9,999 pounds	300	100.0	30.2	55.1	8.1	6.6
10,000 to 29,999 pounds	415	100.0	57.3	26.4	4.2	12.1
30,000 to 59,999 pounds	198	100.0	57.5	41.9	.6	-
60,000 to 89,999 pounds	67	100.0	48.7	51.3	-	-
90,000 pounds and over	10	100.0	24.8	75.2	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	4,872	100.0	32.6	49.1	12.4	5.9
Under 200 miles	237	100.0	13.6	48.4	36.1	1.9
Under 1,000 pounds	78	100.0	3.5	55.4	37.6	3.5
1,000 to 9,999 pounds	96	100.0	8.9	43.4	45.4	2.3
10,000 to 29,999 pounds	50	100.0	41.0	35.1	23.9	-
30,000 to 89,999 pounds	11	100.0	2.0	94.4	3.6	-
90,000 pounds and over	2	100.0	14.0	77.7	8.3	-
200 to 399 miles	546	100.0	10.8	62.8	24.4	2.0
Under 1,000 pounds	164	100.0	6.2	71.0	19.3	3.5
1,000 to 9,999 pounds	191	100.0	9.1	54.5	33.5	2.9
10,000 to 29,999 pounds	122	100.0	21.5	55.3	23.2	-
30,000 to 59,999 pounds	61	100.0	8.5	76.2	15.3	-
60,000 to 89,999 pounds	8	100.0	-	100.0	-	-
90,000 pounds and over	-	-	-	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 12--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Furniture, Fixtures, and Miscellaneous Manufactured Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	722	100.0	19.6	57.0	21.4	2.0
Under 1,000 pounds	199	100.0	10.5	71.9	13.4	4.2
1,000 to 9,999 pounds	249	100.0	20.6	52.1	27.0	.3
10,000 to 29,999 pounds	213	100.0	24.2	45.1	28.1	2.6
30,000 to 59,999 pounds	27	100.0	14.5	84.2	1.3	-
60,000 to 89,999 pounds	13	100.0	100.0	-	-	-
90,000 pounds and over	21	100.0	2.5	97.5	-	-
600 to 999 miles	1,164	100.0	31.7	51.9	14.1	2.3
Under 1,000 pounds	298	100.0	15.9	70.8	5.8	7.5
1,000 to 9,999 pounds	346	100.0	23.5	57.0	18.2	1.3
10,000 to 29,999 pounds	368	100.0	50.9	37.0	12.0	.1
30,000 to 59,999 pounds	129	100.0	41.2	29.1	29.7	-
60,000 to 89,999 pounds	22	100.0	2.9	97.1	-	-
90,000 pounds and over	1	100.0	-	-	100.0	-
1,000 miles and over	2,203	100.0	45.0	41.6	3.0	10.4
Under 1,000 pounds	501	100.0	23.8	58.7	1.4	16.1
1,000 to 9,999 pounds	511	100.0	32.0	52.4	6.7	8.9
10,000 to 29,999 pounds	708	100.0	57.0	24.6	3.4	15.0
30,000 to 59,999 pounds	340	100.0	64.6	35.0	.4	-
60,000 to 89,999 pounds	121	100.0	64.0	36.0	-	-
90,000 pounds and over	22	100.0	20.2	79.8	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 12--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	8,712	100.0	20.5	53.2	23.4	0.1	0.9	1.7	0.2
New England	425	100.0	26.8	55.8	12.3	.3	.8	4.0	-
Middle Atlantic	1,755	100.0	20.3	58.5	18.4	.2	.5	2.0	.1
East North Central	2,403	100.0	19.3	56.8	22.1	.1	.1	1.6	-
West North Central	795	100.0	8.0	70.2	20.3	.2	-	1.3	-
South Atlantic	1,362	100.0	24.4	46.2	25.9	-	-	2.5	1.0
East South Central	738	100.0	11.6	50.2	37.4	-	-	.8	-
West South Central	439	100.0	19.1	45.2	35.0	.1	-	.4	.2
Mountain[1]	31	-	-	-	-	-	-	-	-
Pacific[2]	764	100.0	38.0	30.7	21.8	.1	8.5	.8	.1
TON-MILES	(millions of ton-miles)								
U.S. total	4,961	100.0	32.6	49.2	12.3	.2	3.3	2.2	.2
New England	295	100.0	46.4	43.5	1.9	.7	2.0	5.5	-
Middle Atlantic	868	100.0	33.7	54.6	6.4	.2	.9	4.1	.1
East North Central	1,325	100.0	29.1	55.0	13.5	.1	.6	1.6	.1
West North Central	528	100.0	8.9	73.6	15.9	.3	-	1.3	-
South Atlantic	720	100.0	45.7	40.9	10.5	.1	.2	1.8	.8
East South Central	389	100.0	18.1	50.8	29.7	.1	-	1.3	-
West South Central	264	100.0	24.2	47.8	27.3	.2	-	.4	.1
Mountain[1]	6	-	-	-	-	-	-	-	-
Pacific[2]	566	100.0	51.3	18.5	3.5	.2	24.7	1.7	.1

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 12--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	8,712	8,712	488	1,675	2,084	593	1,307	481	657	304	1,123
Ton-miles.....millions..	4,961	4,961	251	700	772	320	602	206	468	282	1,360
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	8,712	100.0	5.6	19.2	24.0	6.8	15.0	5.5	7.5	3.5	12.9
Shipments from--											
New England.....	425	100.0	19.8	29.2	18.2	3.9	7.1	5.5	6.9	.8	8.6
Middle Atlantic.....	1,755	100.0	8.7	37.1	18.2	3.2	19.5	2.3	2.9	1.8	6.3
East North Central.....	2,403	100.0	3.8	12.4	41.3	8.0	11.5	5.5	6.0	2.2	9.3
West North Central.....	795	100.0	4.3	14.9	20.9	19.4	10.5	6.0	8.1	10.4	5.5
South Atlantic.....	1,362	100.0	6.2	25.3	14.0	5.1	29.8	7.7	4.9	1.7	5.3
East South Central.....	738	100.0	3.6	10.6	30.8	6.3	14.6	11.9	16.9	.7	4.6
West South Central.....	439	100.0	2.3	4.8	12.8	10.0	9.1	8.7	35.0	8.4	8.9
Mountain[2].....	31	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	764	100.0	.7	5.6	7.3	1.6	2.3	.9	2.7	5.1	73.8
TON-MILES	(millions)										
U.S. total.....	4,961	100.0	5.1	14.1	15.6	6.5	12.1	4.1	9.4	5.7	27.4
Shipments from--											
New England.....	295	100.0	2.3	8.6	18.5	6.5	7.5	6.9	15.1	2.2	32.4
Middle Atlantic.....	868	100.0	4.5	8.7	18.2	6.5	13.6	3.5	7.7	6.4	30.9
East North Central.....	1,325	100.0	5.1	12.1	12.2	6.9	12.8	4.3	9.6	5.3	31.7
West North Central.....	528	100.0	7.1	21.8	12.7	7.2	14.6	4.9	8.2	11.4	12.1
South Atlantic.....	720	100.0	7.0	20.2	12.7	7.2	12.6	4.4	9.0	4.9	22.0
East South Central.....	389	100.0	6.4	13.9	25.5	6.5	13.3	3.9	13.1	1.6	15.8
West South Central.....	264	100.0	4.9	8.7	14.3	7.3	11.9	4.8	15.1	9.7	23.3
Mountain[2].....	6	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	566	100.0	2.2	18.1	17.8	3.1	7.2	2.2	5.5	3.1	40.8

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 12--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	8,712	100.0	20.5	53.2	23.4	0.1	0.9	1.7	0.2
Middle Atlantic, total	1,755	100.0	20.3	58.5	18.4	.2	.5	2.0	.1
Shipments to--									
New England	153	100.0	11.4	57.3	30.1	.1	-	1.1	-
Middle Atlantic	650	100.0	10.9	57.8	29.9	.2	.1	.9	.2
East North Central	320	100.0	28.3	59.2	9.0	.1	.9	2.3	.2
South Atlantic	343	100.0	20.6	63.2	14.4	-	.9	.9	-
Pacific	110	100.0	47.2	45.0	-	.5	.5	6.6	.2
East North Central, total	2,403	100.0	19.3	56.8	22.1	.1	.1	1.6	-
Shipments to--									
Middle Atlantic	297	100.0	25.7	57.7	15.4	.2	-	1.0	-
East North Central	992	100.0	8.8	56.9	32.3	-	-	2.0	-
West North Central	193	100.0	16.9	59.0	21.5	-	-	2.6	-
South Atlantic	276	100.0	20.8	67.5	10.8	.1	-	.7	.1
East South Central	132	100.0	9.3	51.1	39.0	-	-	.6	-
West South Central	145	100.0	46.9	41.5	9.5	.1	-	2.0	-
Pacific	223	100.0	38.2	54.1	5.0	-	.8	1.9	-
West North Central, total	795	100.0	8.0	70.2	20.3	.2	-	1.3	-
Shipments to--									
Middle Atlantic	119	100.0	1.9	89.2	7.0	.3	-	1.6	-
East North Central	166	100.0	1.6	64.2	33.7	-	-	.5	-
West North Central	154	100.0	5.7	68.9	23.7	-	-	1.7	-
South Atlantic, total	1,362	100.0	24.4	46.2	25.9	-	-	2.5	1.0
Shipments to--									
Middle Atlantic	344	100.0	12.5	62.5	20.4	-	-	4.2	.4
East North Central	190	100.0	25.0	63.5	10.3	-	-	1.1	.1
South Atlantic	408	100.0	4.4	40.7	50.1	-	-	2.8	2.0
East South Central	104	100.0	12.2	44.7	39.0	-	-	3.7	.4
East South Central, total	738	100.0	11.6	50.2	37.4	-	-	.8	-
Shipments to--									
East North Central	227	100.0	13.2	52.1	34.3	-	-	.4	-
South Atlantic	108	100.0	8.6	37.9	52.9	-	-	.6	-
West South Central	125	100.0	8.0	63.6	28.1	-	-	.3	-
Pacific, total	764	100.0	38.0	30.7	21.8	.1	8.5	.8	.1
Shipments to--									
Middle Atlantic	42	100.0	88.8	9.2	-	.4	.4	1.2	-
East North Central	56	100.0	88.0	6.7	-	.2	.2	4.7	.2
Pacific	564	100.0	26.2	32.7	29.2	-	11.5	.3	.1
TON-MILES	(millions of ton-miles)								
U.S. total	4,961	100.0	32.6	49.2	12.3	.2	3.3	2.2	.2
Middle Atlantic, total	868	100.0	33.7	54.6	6.4	.2	.9	4.1	.1
Shipments to--									
New England	39	100.0	11.8	52.5	34.8	.1	-	.8	-
Middle Atlantic	76	100.0	14.7	59.1	25.1	.1	-	.9	.1
East North Central	158	100.0	31.4	59.8	5.1	.1	.8	2.6	.2
South Atlantic	118	100.0	27.8	59.5	9.1	-	2.3	1.3	-
Pacific	268	100.0	47.4	44.6	-	.5	.7	6.6	.2
East North Central, total	1,325	100.0	29.1	55.0	13.5	.1	.6	1.6	.1
Shipments to--									
Middle Atlantic	160	100.0	30.5	51.9	16.0	.3	-	1.3	-
East North Central	162	100.0	10.2	57.3	29.8	-	-	2.7	-
West North Central	91	100.0	18.2	60.2	19.8	-	-	1.8	-
South Atlantic	169	100.0	20.9	67.9	10.1	.1	-	.9	.1
East South Central	57	100.0	8.3	54.8	36.2	-	-	.7	-
West South Central	127	100.0	48.3	41.5	8.1	.1	-	2.0	-
Pacific	420	100.0	37.4	54.1	4.9	-	1.9	1.7	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 12--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Furniture, Fixtures, and Miscellaneous Manufactured Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
West North Central, total	528	100.0	8.9	73.6	15.9	0.3	-	1.3	-
Shipments to--									
Middle Atlantic	114	100.0	1.6	90.5	6.1	.3	-	1.5	-
East North Central	67	100.0	1.3	68.7	29.6	-	-	.4	-
West North Central	38	100.0	9.5	73.7	15.2	.1	-	1.5	-
South Atlantic, total	720	100.0	45.7	40.9	10.5	.1	0.2	1.8	0.8
Shipments to--									
Middle Atlantic	145	100.0	15.2	64.5	16.9	-	-	3.0	.4
East North Central	91	100.0	28.2	61.3	9.3	-	-	1.1	.1
South Atlantic	91	100.0	12.6	52.2	29.7	-	-	2.3	3.2
East South Central	32	100.0	17.4	58.3	18.4	-	-	5.7	.2
East South Central, total	389	100.0	18.1	50.8	29.7	.1	-	1.3	-
Shipments to--									
East North Central	100	100.0	18.3	45.9	35.5	-	-	.3	-
South Atlantic	52	100.0	11.6	42.1	45.6	-	-	.7	-
West South Central	51	100.0	10.2	62.6	26.8	-	-	.4	-
Pacific, total	566	100.0	51.3	18.5	3.5	.2	24.7	1.7	.1
Shipments to--									
Middle Atlantic	102	100.0	88.4	9.5	-	.5	.4	1.2	-
East North Central	101	100.0	87.8	7.0	-	.2	.2	4.6	.2
Pacific	230	100.0	12.1	18.7	8.3	-	60.6	.2	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 12 --Percent Distribution by Means of Transport and Distance, for Plants: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	8,712	1,667	4,548	2,497	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	4,961	729	2,440	1,792
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	20.5	15.9	11.4	40.2	32.6	14.4	19.6	57.7
Motor carrier.....	53.2	50.0	57.9	46.7	49.2	53.2	59.5	33.8
Private truck.....	23.4	28.1	28.6	10.6	12.3	12.2	17.4	5.3
Air.....	.1	.1	.1	.1	.2	.2	.2	.2
Water.....	.9	3.6	.2	.4	3.3	17.1	1.2	.5
Other.....	1.7	2.2	1.4	2.0	2.2	2.8	1.8	2.5
Unknown.....	.2	.1	.4	-	.2	.1	.3	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	15.1	29.1	13.1	9.4	1.4	2.9	1.4	.7
100 to 199 miles.....	13.6	20.0	13.7	9.2	3.6	6.6	3.9	1.9
200 to 299 miles.....	10.8	10.3	11.5	9.8	4.7	5.8	5.4	3.3
300 to 399 miles.....	10.7	7.9	11.5	11.3	6.5	6.2	7.4	5.4
400 to 499 miles.....	8.5	3.9	10.1	8.8	6.7	4.0	8.5	5.5
500 to 999 miles.....	26.2	16.4	27.3	30.3	31.8	25.7	35.5	29.2
1,000 miles and over.....	15.1	12.4	12.8	21.2	45.3	48.8	37.9	54.0

Table 8. SHIPPER GROUP 12--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Furniture, Fixtures, and Miscellaneous Manufactured Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	33.4	24.5	45.1	71.8
Highway facilities	84.0	87.9	77.8	75.6
Rail and highway facilities	22.5	16.0	31.5	47.5
Air facilities	78.9	77.3	82.9	72.2
Rail, highway, and air facilities	20.3	15.4	26.8	39.9
Water facilities	24.4	27.3	20.7	11.2
Rail, highway, air, and water facilities	4.7	4.5	4.9	5.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.3 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 121--Percent Distribution of Distance, by Means of Transport: 1967

Household and Office Furniture

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	4,482	100.0	26.4	40.5	30.8	-	1.3	0.6	0.4
Under 50 miles	420	100.0	9.7	35.1	54.8	-	-	.2	.2
50 to 99 miles	360	100.0	6.0	35.1	58.5	-	.1	.2	.1
100 to 199 miles	719	100.0	26.1	30.6	42.9	-	-	.2	.2
200 to 299 miles	483	100.0	14.6	43.2	41.6	-	-	.2	.4
300 to 399 miles	477	100.0	14.1	58.3	24.7	-	-	2.7	.2
400 to 499 miles	423	100.0	21.3	53.4	22.9	-	-	.9	1.5
500 to 599 miles	426	100.0	27.7	43.7	27.4	-	-	.2	1.0
600 to 799 miles	437	100.0	41.7	45.0	13.0	-	-	.2	.1
800 to 999 miles	214	100.0	50.4	36.2	12.2	-	-	1.1	.1
1,000 to 1,199 miles	114	100.0	59.8	33.0	6.6	-	.1	.5	-
1,200 to 1,499 miles	73	100.0	58.7	36.2	4.4	-	-	.6	.1
1,500 to 1,999 miles	141	100.0	59.0	35.7	2.0	-	2.5	.6	.2
2,000 miles and over	195	100.0	52.7	18.1	.2	-	28.8	.2	-
TON-MILES	(millions of ton-miles)								
Total	2,248	100.0	40.4	37.7	15.3	-	5.7	.6	.3
Under 50 miles	12	100.0	9.7	34.9	55.0	-	-	.2	.2
50 to 99 miles	27	100.0	6.5	35.4	57.7	-	.1	.2	.1
100 to 199 miles	107	100.0	26.0	31.1	42.5	-	-	.2	.2
200 to 299 miles	120	100.0	14.5	43.4	41.4	-	-	.3	.4
300 to 399 miles	165	100.0	14.5	58.0	24.9	-	-	2.4	.2
400 to 499 miles	191	100.0	21.2	53.7	22.8	-	-	.9	1.4
500 to 599 miles	232	100.0	27.9	43.7	27.2	-	-	.2	1.0
600 to 799 miles	300	100.0	42.1	45.0	12.6	-	-	.2	.1
800 to 999 miles	189	100.0	50.2	36.7	11.9	-	-	1.1	.1
1,000 to 1,199 miles	123	100.0	60.2	32.7	6.5	-	.1	.5	-
1,200 to 1,499 miles	98	100.0	59.7	35.2	4.4	-	-	.6	.1
1,500 to 1,999 miles	247	100.0	58.7	35.6	2.1	-	2.8	.6	.2
2,000 miles and over	437	100.0	52.9	18.8	.2	-	27.9	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 121--Percent Distribution of Weight, by Means of Transport: 1967

Household and Office Furniture

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,418	100.0	26.4	40.7	30.5	2.4
Under 1,000 pounds	1,549	100.0	12.8	55.8	30.2	1.2
Under 50 pounds	20	100.0	11.0	50.8	22.8	15.4
50 to 99 pounds	69	100.0	12.5	59.8	25.9	1.8
100 to 199 pounds	241	100.0	11.8	62.6	24.6	1.0
200 to 499 pounds	638	100.0	12.9	55.6	30.7	.8
500 to 999 pounds	581	100.0	13.2	53.0	32.6	1.2
1,000 to 9,999 pounds	1,654	100.0	21.5	35.5	41.6	1.4
1,000 to 1,999 pounds	557	100.0	15.6	41.9	41.7	.8
2,000 to 2,999 pounds	285	100.0	12.4	39.9	46.6	1.1
3,000 to 3,999 pounds	172	100.0	21.1	33.0	45.3	.6
4,000 to 4,999 pounds	120	100.0	18.8	29.3	49.7	2.2
5,000 to 9,999 pounds	520	100.0	33.7	28.5	35.3	2.5
10,000 to 29,999 pounds	974	100.0	54.4	20.1	19.2	6.3
10,000 to 19,999 pounds	772	100.0	57.3	23.4	17.8	1.5
20,000 to 29,999 pounds	202	100.0	43.4	7.5	24.7	24.4
30,000 to 59,999 pounds	170	100.0	40.6	56.3	3.1	-
30,000 to 39,999 pounds	57	100.0	18.0	75.1	6.9	-
40,000 to 49,999 pounds	61	100.0	11.6	86.3	2.1	-
50,000 to 59,999 pounds	52	100.0	99.0	1.0	-	-
60,000 to 89,999 pounds	18	100.0	61.2	38.8	-	-
60,000 to 69,999 pounds	8	100.0	43.9	56.1	-	-
70,000 to 79,999 pounds	8	100.0	72.2	27.8	-	-
80,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	53	100.0	4.6	95.4	-	-
TON-MILES	(millions of ton-miles)					
Total	2,211	100.0	39.9	38.1	15.3	6.7
Under 1,000 pounds	671	100.0	25.0	57.0	15.2	2.8
Under 50 pounds	9	100.0	18.0	46.3	14.4	21.3
50 to 99 pounds	33	100.0	21.9	61.0	14.5	2.6
100 to 199 pounds	100	100.0	23.6	61.8	12.3	2.3
200 to 499 pounds	269	100.0	24.8	58.6	14.9	1.7
500 to 999 pounds	260	100.0	26.4	53.5	16.6	3.5
1,000 to 9,999 pounds	707	100.0	34.9	37.5	24.8	2.8
1,000 to 1,999 pounds	242	100.0	27.8	43.2	26.9	2.1
2,000 to 2,999 pounds	121	100.0	22.1	48.7	24.3	4.9
3,000 to 3,999 pounds	90	100.0	38.3	39.7	21.7	.3
4,000 to 4,999 pounds	39	100.0	23.7	33.1	29.8	13.4
5,000 to 9,999 pounds	215	100.0	50.6	24.4	23.3	1.7
10,000 to 29,999 pounds	629	100.0	53.2	19.5	9.8	17.5
10,000 to 19,999 pounds	429	100.0	62.5	26.9	9.4	1.2
20,000 to 29,999 pounds	200	100.0	33.4	3.7	10.6	52.3
30,000 to 59,999 pounds	134	100.0	83.3	16.2	.5	-
30,000 to 39,999 pounds	15	100.0	78.0	19.7	2.3	-
40,000 to 49,999 pounds	29	100.0	34.1	64.7	1.2	-
50,000 to 59,999 pounds	90	100.0	99.6	.4	-	-
60,000 to 89,999 pounds	32	100.0	62.1	37.9	-	-
60,000 to 69,999 pounds	17	100.0	52.6	47.4	-	-
70,000 to 79,999 pounds	14	100.0	71.4	28.6	-	-
80,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	38	100.0	2.0	98.0	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 121--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Household and Office Furniture

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,418	100.0	26.4	40.7	30.5	2.4
Under 200 miles	1,469	100.0	16.9	33.5	49.2	.4
Under 1,000 pounds	555	100.0	3.6	44.5	51.2	.7
1,000 to 9,999 pounds	617	100.0	11.1	28.5	60.2	.2
10,000 to 29,999 pounds	249	100.0	62.9	11.6	25.4	.1
30,000 to 89,999 pounds	47	100.0	5.3	86.3	8.4	-
90,000 pounds and over	1	100.0	100.0	-	-	-
200 to 399 miles	950	100.0	14.5	50.3	33.4	1.8
Under 1,000 pounds	374	100.0	8.3	63.2	27.6	.9
1,000 to 9,999 pounds	373	100.0	10.8	42.6	43.0	3.6
10,000 to 29,999 pounds	147	100.0	43.6	20.5	35.9	-
30,000 pounds and over	56	100.0	4.5	93.2	2.3	-
400 to 599 miles	844	100.0	24.7	48.4	25.1	1.8
Under 1,000 pounds	278	100.0	14.5	65.4	19.3	.8
1,000 to 9,999 pounds	310	100.0	30.4	38.3	31.0	.3
10,000 to 29,999 pounds	208	100.0	33.2	31.4	29.7	5.7
30,000 to 59,999 pounds	2	100.0	97.9	2.1	-	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	45	100.0	2.8	97.2	-	-
600 to 999 miles	646	100.0	44.6	42.1	12.7	.6
Under 1,000 pounds	215	100.0	25.3	63.3	10.0	1.4
1,000 to 9,999 pounds	234	100.0	39.6	38.2	21.7	.5
10,000 to 29,999 pounds	185	100.0	71.6	23.3	5.1	-
30,000 to 59,999 pounds	11	100.0	73.4	26.6	-	-
60,000 pounds and over	1	100.0	53.5	46.5	-	-
1,000 miles and over	509	100.0	55.7	29.4	2.7	12.2
Under 1,000 pounds	127	100.0	41.5	49.9	3.5	5.1
1,000 to 9,999 pounds	120	100.0	50.1	37.0	7.5	5.4
10,000 to 29,999 pounds	185	100.0	58.2	15.0	.1	26.7
30,000 to 59,999 pounds	55	100.0	98.6	1.4	-	-
60,000 to 89,999 pounds	15	100.0	58.2	41.8	-	-
90,000 pounds and over	7	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,211	100.0	39.9	38.1	15.3	6.7
Under 200 miles	144	100.0	21.2	32.4	46.0	.4
Under 1,000 pounds	52	100.0	5.2	46.2	47.9	.7
1,000 to 9,999 pounds	62	100.0	13.8	29.9	56.1	.2
10,000 to 29,999 pounds	28	100.0	66.8	11.3	21.9	-
30,000 to 89,999 pounds	2	100.0	15.1	61.4	23.5	-
90,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	281	100.0	14.7	51.4	32.1	1.8
Under 1,000 pounds	112	100.0	8.9	64.0	26.2	.9
1,000 to 9,999 pounds	108	100.0	11.2	43.0	42.0	3.8
10,000 to 29,999 pounds	43	100.0	43.2	21.6	35.2	-
30,000 pounds and over	18	100.0	3.3	94.9	1.8	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 121--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Household and Office Furniture

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	421	100.0	25.0	48.2	25.1	1.7
Under 1,000 pounds	137	100.0	14.8	65.4	18.9	.9
1,000 to 9,999 pounds	156	100.0	31.2	38.2	30.4	.2
10,000 to 29,999 pounds	105	100.0	32.4	31.9	30.6	5.1
30,000 to 59,999 pounds	1	100.0	98.4	1.6	-	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	21	100.0	2.5	97.5	-	-
600 to 999 miles	485	100.0	45.2	41.8	12.3	.7
Under 1,000 pounds	162	100.0	26.1	62.7	9.7	1.5
1,000 to 9,999 pounds	175	100.0	40.4	38.3	20.8	.5
10,000 to 29,999 pounds	139	100.0	71.8	22.7	5.5	-
30,000 to 59,999 pounds	8	100.0	75.2	24.8	-	-
60,000 pounds and over	1	100.0	58.0	42.0	-	-
1,000 miles and over	880	100.0	55.1	27.8	2.0	15.1
Under 1,000 pounds	208	100.0	44.5	46.0	2.9	6.6
1,000 to 9,999 pounds	206	100.0	51.9	35.6	5.5	7.0
10,000 to 29,999 pounds	314	100.0	52.1	14.4	.1	33.4
30,000 to 59,999 pounds	105	100.0	98.8	1.2	-	-
60,000 to 89,999 pounds	30	100.0	61.3	38.7	-	-
90,000 pounds and over	17	100.0	-	100.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 121--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Household and Office Furniture

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,482	100.0	26.4	40.5	30.8	-	1.3	0.6	0.4
New England	165	100.0	30.6	40.2	28.5	-	.1	.6	-
Middle Atlantic	688	100.0	27.9	43.7	28.1	-	-	.2	.1
East North Central	880	100.0	24.5	47.8	27.3	-	.1	.2	.1
West North Central	111	100.0	21.5	50.8	27.5	-	-	.2	-
South Atlantic	1,207	100.0	25.6	44.6	27.1	-	-	1.6	1.1
East South Central	468	100.0	16.8	27.2	55.4	-	-	.6	-
West South Central	342	100.0	24.4	41.6	33.8	-	-	-	.2
Mountain[1]	16	-	-	-	-	-	-	-	-
Pacific[2]	605	100.0	38.2	26.4	25.4	-	9.7	.1	.2
TON-MILES	(millions of ton-miles)								
U.S. total	2,248	100.0	40.4	37.7	15.3	-	5.7	.6	.3
New England	66	100.0	54.1	37.8	7.4	-	.2	.5	-
Middle Atlantic	279	100.0	42.2	45.8	11.4	-	.1	.5	-
East North Central	383	100.0	35.3	50.5	12.8	0.1	1.0	.2	.1
West North Central	58	100.0	32.3	59.6	8.1	-	-	-	-
South Atlantic	650	100.0	47.0	39.6	11.1	-	.2	1.2	.9
East South Central	229	100.0	25.6	24.2	49.0	-	-	1.2	-
West South Central	206	100.0	30.8	46.0	23.1	-	-	-	.1
Mountain[1]	3	-	-	-	-	-	-	-	-
Pacific[2]	374	100.0	46.1	15.7	5.1	-	33.0	-	.1

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 121--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Household and Office Furniture

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	4,482	4,482	255	872	1,013	262	662	236	381	134	667
Ton-miles.....millions..	2,248	2,248	127	327	402	147	253	77	229	119	567
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S total.....	4,482	100.0	5.7	19.5	22.5	5.8	14.8	5.3	8.5	3.0	14.9
Shipments from--											
New England.....	165	100.0	35.0	33.1	22.3	1.4	3.9	.4	1.5	.2	2.2
Middle Atlantic.....	668	100.0	8.2	47.4	15.1	1.8	16.2	1.9	3.9	1.8	3.7
East North Central.....	880	100.0	3.9	11.5	51.5	7.9	8.5	5.0	5.8	1.7	4.2
West North Central.....	111	100.0	8.8	7.3	21.6	34.7	8.6	3.8	6.9	5.0	3.3
South Atlantic.....	1,207	100.0	6.2	25.7	15.2	5.5	28.4	7.3	4.1	1.8	5.8
East South Central.....	468	100.0	3.6	8.1	27.4	6.0	17.3	11.7	23.4	.6	1.9
West South Central.....	342	100.0	1.1	5.4	14.1	10.3	7.9	7.6	35.5	8.9	9.2
Mountain[2].....	16	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	605	100.0	.2	2.5	5.7	1.4	1.6	.8	2.2	5.3	80.3
TON-MILES	(millions)										
U.S. total.....	2,248	100.0	5.6	14.5	17.9	6.5	11.3	3.4	10.2	5.3	25.3
Shipments from--											
New England.....	66	100.0	7.8	19.5	39.9	4.5	6.8	.9	5.5	1.1	14.0
Middle Atlantic.....	279	100.0	5.0	12.3	18.8	4.4	14.6	3.1	11.9	7.7	22.2
East North Central.....	383	100.0	6.7	14.5	18.9	7.6	12.6	4.3	12.2	4.7	18.5
West North Central.....	58	100.0	17.6	11.8	12.1	14.4	12.4	2.8	8.9	9.3	10.7
South Atlantic.....	650	100.0	7.2	21.1	13.5	7.6	11.2	3.6	7.1	5.0	23.7
East South Central.....	229	100.0	7.2	10.6	27.3	7.2	15.8	4.8	18.4	1.5	7.2
West South Central.....	206	100.0	2.4	9.7	15.3	7.5	10.5	3.2	15.7	10.3	25.4
Mountain[2].....	3	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	374	100.0	1.0	9.6	16.4	3.3	5.9	2.4	5.3	3.6	52.5

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 121--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Household and Office Furniture

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,482	100.0	26.4	40.5	30.8	-	1.3	0.6	0.4
Middle Atlantic, total	688	100.0	27.9	43.7	28.1	-	-	.2	.1
Shipments to--									
New England	56	100.0	18.0	39.0	42.9	-	-	.1	-
Middle Atlantic	326	100.0	17.0	44.2	38.5	-	-	.1	.2
East North Central	104	100.0	39.3	45.0	15.6	-	-	.1	-
South Atlantic	111	100.0	35.6	41.4	22.9	-	-	.1	-
East North Central, total	880	100.0	24.5	47.8	27.3	-	.1	.2	.1
Shipments to--									
Middle Atlantic	101	100.0	29.5	61.6	8.6	0.1	-	.2	-
East North Central	454	100.0	16.0	40.8	43.0	-	-	.2	-
West North Central	69	100.0	25.1	54.5	20.3	-	-	.1	-
South Atlantic	75	100.0	21.3	74.4	3.9	-	-	-	.4
East South Central	44	100.0	23.0	38.3	38.7	-	-	-	-
South Atlantic, total	1,207	100.0	25.6	44.6	27.1	-	-	1.6	1.1
Shipments to--									
New England	75	100.0	50.9	30.6	17.8	-	-	.1	.6
Middle Atlantic	311	100.0	13.8	59.5	22.1	-	-	4.2	.4
East North Central	183	100.0	25.3	63.5	10.7	-	-	.4	.1
West North Central	66	100.0	77.0	14.7	2.7	-	-	.6	5.0
South Atlantic	343	100.0	3.9	40.9	52.6	-	-	.3	2.3
East South Central	88	100.0	9.5	40.2	45.9	-	-	4.0	.4
West South Central	49	100.0	64.5	29.7	5.1	-	-	.5	.2
Pacific	70	100.0	82.6	16.6	-	-	.4	.4	-
East South Central, total	468	100.0	16.8	27.2	55.4	-	-	.6	-
Shipments to--									
Middle Atlantic	38	100.0	14.6	14.5	67.4	-	-	3.5	-
East North Central	128	100.0	23.4	17.5	59.0	-	-	.1	-
South Atlantic	81	100.0	11.5	17.8	70.6	-	-	.1	-
East South Central	55	100.0	4.6	13.9	81.3	-	-	-	.2
West South Central	110	100.0	9.1	58.9	32.0	-	-	-	-
Pacific, total	605	100.0	38.2	26.4	25.4	-	9.7	.1	.2
Shipments to--									
Pacific	487	100.0	29.8	26.6	31.3	-	12.0	.1	.2
TON-MILES	(millions of ton-miles)								
U.S. total	2,248	100.0	40.4	37.7	15.3	-	5.7	.6	.3
Middle Atlantic, total	279	100.0	42.2	45.8	11.4	-	.1	.5	-
Shipments to--									
New England	14	100.0	18.4	34.6	46.9	-	-	.1	-
Middle Atlantic	34	100.0	18.4	45.8	35.6	-	-	.1	.1
East North Central	52	100.0	42.7	46.3	10.9	-	-	.1	-
South Atlantic	41	100.0	41.5	44.2	14.2	-	-	.1	-
East North Central, total	383	100.0	35.3	50.5	12.8	.1	1.0	.2	.1
Shipments to--									
Middle Atlantic	55	100.0	35.2	57.2	7.3	.1	-	.2	-
East North Central	73	100.0	17.5	40.7	41.6	-	-	.2	-
West North Central	29	100.0	22.0	58.1	19.8	-	-	.1	-
South Atlantic	48	100.0	19.0	78.9	1.8	-	-	-	.3
East South Central	16	100.0	21.3	43.8	34.9	-	-	-	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 121--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Household and Office Furniture

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
South Atlantic, total	650	100.0	47.0	39.6	11.1	-	0.2	0.7	0.9
Shipments to--									
New England	47	100.0	54.0	31.0	14.3	-	-	.1	.6
Middle Atlantic	137	100.0	16.1	62.8	17.8	-	-	2.9	.4
East North Central	88	100.0	28.4	61.3	9.7	-	-	.5	.1
West North Central	49	100.0	76.8	16.8	2.2	-	-	.6	3.6
South Atlantic	73	100.0	10.3	52.1	33.1	-	-	.6	3.9
East South Central	23	100.0	9.9	58.0	25.0	-	-	6.8	.3
West South Central	46	100.0	68.8	27.8	2.7	-	-	.5	.2
Pacific	154	100.0	82.0	16.8	-	-	.8	.4	-
East South Central, total	229	100.0	25.6	24.2	49.0	-	-	1.2	-
Shipments to--									
Middle Atlantic	24	100.0	19.1	12.8	63.3	-	-	4.8	-
East North Central	62	100.0	29.4	13.7	56.9	-	-	-	-
South Atlantic	36	100.0	16.6	17.9	65.3	-	-	.2	-
East South Central	11	100.0	2.5	15.1	82.1	-	-	.1	.2
West South Central	42	100.0	12.4	55.1	32.5	-	-	-	-
Pacific, total	374	100.0	46.1	15.7	5.1	-	33.0	-	.1
Shipments to--									
Pacific	196	100.0	13.4	14.1	9.4	-	62.9	.1	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 121--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Household and Office Furniture

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped ..... thousands..	4,482	1,038	2,268	1,176	(X)	(X)	(X)	(X)
Ton-miles ..... millions..	(X)	(X)	(X)	(X)	2,248	431	1,057	760
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail	26.4	23.6	18.3	44.6	40.4	19.7	35.6	58.8
Motor carrier	40.5	37.2	41.8	40.9	37.7	36.7	41.8	32.5
Private truck	30.8	33.3	38.7	13.1	15.3	15.1	20.7	7.8
Air	-	-	-	-	-	-	-	-
Water	1.3	5.6	.1	-	5.7	28.3	.7	-
Other	.6	.2	.4	1.4	.6	.1	.6	.9
Unknown	.4	.1	.7	-	.3	.1	.6	-
DISTANCE OF SHIPMENT								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles	17.4	29.5	16.7	8.0	1.7	2.7	2.0	.8
100 to 199 miles	16.0	24.5	15.6	9.5	4.8	8.5	5.0	2.2
200 to 299 miles	10.8	9.2	12.1	9.7	5.3	5.4	6.5	3.7
300 to 399 miles	10.6	7.5	11.3	12.1	7.3	6.1	8.4	6.6
400 to 499 miles	9.4	3.2	11.6	10.9	8.5	3.4	11.3	7.5
500 to 999 miles	24.1	14.3	23.6	33.2	32.1	23.0	33.8	34.8
1,000 miles and over	11.7	11.8	9.1	16.6	40.3	50.9	33.0	44.4

Table 8. SHIPPER CLASS 121--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Household and Office Furniture

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	61.3	50.3	71.8	91.1
Highway facilities	81.1	91.7	69.4	64.6
Rail and highway facilities	43.3	42.0	43.1	55.8
Air facilities	77.7	87.2	68.2	54.9
Rail, highway, and air facilities	39.6	42.0	36.1	41.9
Water facilities	20.5	27.1	14.1	2.8
Rail, highway, air, and water facilities.	8.7	11.3	6.2	2.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 6.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 122--Percent Distribution of Distance, by Means of Transport: 1967

Other Furniture, Fixtures, and Partitions

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,830	100.0	14.7	65.9	18.4	0.1	0.1	0.7	0.1
Under 50 miles	95	100.0	-	47.9	50.1	-	-	1.4	.6
50 to 99 miles	105	100.0	-	70.7	27.8	-	.4	1.1	-
100 to 199 miles	162	100.0	2.2	72.9	24.2	-	-	.6	.1
200 to 299 miles	170	100.0	.8	76.3	22.3	-	-	.5	.1
300 to 399 miles	217	100.0	1.0	79.6	18.5	-	-	.9	-
400 to 499 miles	124	100.0	.8	72.6	25.5	-	-	.6	.5
500 to 599 miles	141	100.0	24.0	63.8	11.8	-	-	.4	-
600 to 799 miles	304	100.0	33.4	52.5	13.6	-	-	.5	-
800 to 999 miles	187	100.0	21.3	56.5	21.2	.2	-	.8	-
1,000 to 1,499 miles	195	100.0	12.9	80.1	5.8	.7	.2	.3	-
1,500 to 1,999 miles	102	100.0	53.2	43.9	1.0	.1	1.0	.8	-
2,000 miles and over	28	100.0	22.6	68.2	1.3	1.4	1.9	4.6	-
TON-MILES	(millions of ton-miles)								
Total	1,135	100.0	23.6	62.9	12.0	.3	.4	.8	-
Under 50 miles	3	100.0	-	47.1	51.4	-	-	1.1	.4
50 to 99 miles	8	100.0	-	70.7	27.8	-	.4	1.1	-
100 to 199 miles	24	100.0	1.9	74.9	22.4	-	-	.6	.2
200 to 299 miles	42	100.0	.8	75.1	23.5	-	-	.5	.1
300 to 399 miles	76	100.0	1.0	80.5	17.6	-	-	.9	-
400 to 499 miles	56	100.0	.7	72.4	25.8	-	-	.6	.5
500 to 599 miles	77	100.0	24.3	63.2	12.1	-	-	.4	-
600 to 799 miles	207	100.0	32.5	53.9	13.1	-	-	.5	-
800 to 999 miles	169	100.0	21.3	55.8	21.9	.2	-	.8	-
1,000 to 1,499 miles	226	100.0	14.2	78.6	6.0	.8	.1	.3	-
1,500 to 1,999 miles	183	100.0	53.3	43.8	.9	.1	1.1	.8	-
2,000 miles and over	64	100.0	21.9	67.5	1.2	1.6	3.0	4.8	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 122--Percent Distribution of Weight, by Means of Transport: 1967

Other Furniture, Fixtures, and Partitions

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,715	100.0	15.7	63.8	19.4	1.1
Under 1,000 pounds	159	100.0	2.2	78.8	11.8	7.2
Under 50 pounds	10	100.0	.3	36.0	15.5	48.2
50 to 99 pounds	13	100.0	1.4	63.9	21.9	12.8
100 to 199 pounds	34	100.0	1.0	89.4	6.8	2.8
200 to 499 pounds	49	100.0	2.0	79.4	15.0	3.6
500 to 999 pounds	53	100.0	3.7	82.5	8.9	4.9
1,000 to 9,999 pounds	440	100.0	3.6	75.1	19.9	1.4
1,000 to 1,999 pounds	87	100.0	5.8	79.1	13.0	2.1
2,000 to 2,999 pounds	73	100.0	3.9	74.2	19.7	2.2
3,000 to 3,999 pounds	55	100.0	.4	78.5	19.0	2.1
4,000 to 4,999 pounds	43	100.0	3.5	83.6	11.2	1.7
5,000 to 9,999 pounds	182	100.0	3.5	70.1	25.7	.7
10,000 to 29,999 pounds	677	100.0	22.3	53.8	23.7	.2
10,000 to 19,999 pounds	319	100.0	16.2	56.9	26.6	.3
20,000 to 29,999 pounds	358	100.0	27.8	51.2	21.0	-
30,000 to 59,999 pounds	331	100.0	22.7	57.6	19.7	-
30,000 to 39,999 pounds	207	100.0	16.9	51.5	31.6	-
40,000 to 49,999 pounds	116	100.0	28.1	71.9	-	-
50,000 to 59,999 pounds	8	100.0	100.0	-	-	-
60,000 to 89,999 pounds	91	100.0	25.4	74.6	-	-
60,000 to 69,999 pounds	63	100.0	36.8	63.2	-	-
70,000 to 89,999 pounds	28	100.0	-	100.0	-	-
90,000 pounds and over	17	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total	1,085	100.0	24.7	61.4	12.4	1.5
Under 1,000 pounds	80	100.0	4.9	80.8	2.9	11.4
Under 50 pounds	4	100.0	.5	25.1	1.7	72.7
50 to 99 pounds	6	100.0	2.8	73.6	2.8	20.8
100 to 199 pounds	17	100.0	1.8	91.2	2.0	5.0
200 to 499 pounds	22	100.0	4.3	85.9	4.2	5.6
500 to 999 pounds	31	100.0	7.9	79.9	2.6	9.6
1,000 to 9,999 pounds	229	100.0	7.8	80.0	9.0	3.2
1,000 to 1,999 pounds	42	100.0	12.3	77.9	4.9	4.9
2,000 to 2,999 pounds	40	100.0	5.5	78.8	13.2	2.5
3,000 to 3,999 pounds	24	100.0	.8	85.5	8.8	4.9
4,000 to 4,999 pounds	29	100.0	10.2	79.3	6.0	4.5
5,000 to 9,999 pounds	94	100.0	7.8	80.1	10.1	2.0
10,000 to 29,999 pounds	436	100.0	35.3	49.2	15.3	.2
10,000 to 19,999 pounds	198	100.0	23.8	56.1	19.8	.3
20,000 to 29,999 pounds	238	100.0	44.8	43.6	11.6	-
30,000 to 59,999 pounds	267	100.0	29.8	53.6	16.6	-
30,000 to 39,999 pounds	157	100.0	22.1	49.7	28.2	-
40,000 to 49,999 pounds	104	100.0	37.4	62.6	-	-
50,000 to 59,999 pounds	6	100.0	100.0	-	-	-
60,000 to 89,999 pounds	71	100.0	17.7	82.3	-	-
60,000 to 69,999 pounds	39	100.0	32.1	67.9	-	-
70,000 to 89,999 pounds	32	100.0	-	100.0	-	-
90,000 pounds and over	2	100.0	-	100.0	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 122--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Other Furniture, Fixtures, and Partitions

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,715	100.0	15.7	63.8	19.4	1.1
Under 200 miles	307	100.0	1.2	59.9	37.5	1.4
Under 1,000 pounds	51	100.0	.2	62.7	31.7	5.4
1,000 to 9,999 pounds	133	100.0	-	60.7	37.8	1.5
10,000 to 29,999 pounds	95	100.0	3.6	45.2	51.2	-
30,000 to 59,999 pounds	13	100.0	-	98.7	1.3	-
60,000 pounds and over	15	100.0	-	100.0	-	-
200 to 399 miles	367	100.0	1.0	77.2	21.1	.7
Under 1,000 pounds	39	100.0	-	91.9	2.9	5.2
1,000 to 9,999 pounds	107	100.0	3.1	74.3	22.0	.6
10,000 to 29,999 pounds	143	100.0	.2	74.3	25.4	.1
30,000 to 59,999 pounds	62	100.0	-	73.4	26.6	-
60,000 to 89,999 pounds	15	100.0	-	100.0	-	-
90,000 pounds and over	1	100.0	-	100.0	-	-
400 to 599 miles	252	100.0	13.8	66.9	18.5	.8
Under 1,000 pounds	22	100.0	.2	91.2	2.3	6.3
1,000 to 9,999 pounds	53	100.0	.9	88.0	11.1	-
10,000 to 29,999 pounds	121	100.0	5.0	61.6	32.9	.5
30,000 to 59,999 pounds	33	100.0	15.1	83.1	1.8	-
60,000 pounds and over	23	100.0	100.0	-	-	-
600 to 999 miles	475	100.0	29.7	52.7	16.9	.7
Under 1,000 pounds	28	100.0	5.5	82.2	2.9	9.4
1,000 to 9,999 pounds	85	100.0	6.3	85.2	8.0	.5
10,000 to 29,999 pounds	207	100.0	44.2	43.1	12.5	.2
30,000 to 59,999 pounds	130	100.0	32.7	31.2	36.1	-
60,000 pounds and over	25	100.0	-	100.0	-	-
1,000 miles and over	314	100.0	27.4	66.7	3.9	2.0
Under 1,000 pounds	20	100.0	9.2	75.6	1.0	14.2
1,000 to 9,999 pounds	62	100.0	11.0	81.7	1.9	5.4
10,000 to 29,999 pounds	111	100.0	44.7	46.5	8.8	-
30,000 to 59,999 pounds	93	100.0	29.8	69.0	1.2	-
60,000 pounds and over	28	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	1,085	100.0	24.7	61.4	12.4	1.5
Under 200 miles	29	100.0	1.5	66.4	30.9	1.2
Under 1,000 pounds	4	100.0	.3	78.6	16.3	4.8
1,000 to 9,999 pounds	11	100.0	-	65.8	32.8	1.4
10,000 to 29,999 pounds	11	100.0	4.1	52.8	43.1	-
30,000 to 59,999 pounds	2	100.0	-	98.2	1.8	-
60,000 pounds and over	1	100.0	-	100.0	-	-
200 to 399 miles	112	100.0	1.0	77.6	20.6	.8
Under 1,000 pounds	11	100.0	-	91.6	2.8	5.6
1,000 to 9,999 pounds	32	100.0	3.3	74.2	21.8	.7
10,000 to 29,999 pounds	45	100.0	.1	76.2	23.6	.1
30,000 to 59,999 pounds	19	100.0	-	71.2	28.8	-
60,000 to 89,999 pounds	5	100.0	-	100.0	-	-
90,000 pounds and over	-	-	-	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 122--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Other Furniture, Fixtures, and Partitions

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	126	100.0	15.1	66.1	18.1	0.7
Under 1,000 pounds	11	100.0	.2	91.1	2.2	6.5
1,000 to 9,999 pounds	26	100.0	.8	87.4	11.8	-
10,000 to 29,999 pounds	60	100.0	5.6	61.8	32.2	.4
30,000 to 59,999 pounds	17	100.0	16.6	81.4	2.0	-
60,000 pounds and over	12	100.0	100.0	-	-	-
600 to 999 miles	364	100.0	28.3	53.5	17.5	.7
Under 1,000 pounds	22	100.0	5.4	81.9	3.1	9.6
1,000 to 9,999 pounds	66	100.0	6.5	84.8	8.2	.5
10,000 to 29,999 pounds	154	100.0	41.8	44.8	13.2	.2
30,000 to 59,999 pounds	101	100.0	33.0	30.2	36.8	-
60,000 pounds and over	21	100.0	-	100.0	-	-
1,000 miles and over	454	100.0	31.8	62.2	3.4	2.6
Under 1,000 pounds	32	100.0	8.4	73.3	1.1	17.2
1,000 to 9,999 pounds	95	100.0	13.1	78.2	1.6	7.1
10,000 to 29,999 pounds	167	100.0	51.3	41.5	7.2	-
30,000 to 59,999 pounds	128	100.0	33.8	65.2	1.0	-
60,000 pounds and over	32	100.0	-	100.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 122--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Other Furniture, Fixtures, and Partitions

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,830	100.0	14.7	65.9	18.4	0.1	0.1	0.7	0.1
Middle Atlantic	280	100.0	.2	76.8	21.5	-	.3	.7	.5
East North Central	538	100.0	37.1	45.6	17.0	.1	.1	.1	-
South Atlantic	88	100.0	21.1	72.0	2.8	.3	-	3.8	-
Pacific[1]	27	100.0	37.8	31.3	23.3	1.4	3.6	2.5	.1
Balance of United States[2]	897	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,135	100.0	23.6	62.9	12.0	.3	.4	.8	-
Middle Atlantic	122	100.0	.4	86.9	11.0	.2	.6	.6	.3
East North Central	361	100.0	56.0	35.8	7.5	.2	.4	.1	-
South Atlantic	46	100.0	38.8	53.3	1.2	1.1	-	5.6	-
Pacific[1]	27	100.0	63.5	21.4	1.8	2.5	7.2	3.5	.1
Balance of United States[2]	579	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 122--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Other Furniture, Fixtures, and Partitions

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,830	1,830	73	368	437	171	244	115	145	123	154
Ton-miles.....millions..	1,135	1,135	51	197	139	68	160	54	113	102	251
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,830	100.0	4.0	20.1	24.0	9.3	13.3	6.3	7.9	6.7	8.4
Shipments from--											
Middle Atlantic	280	100.0	6.0	39.4	18.6	2.6	22.1	2.1	2.2	2.6	4.4
East North Central	538	100.0	3.0	17.3	30.9	8.0	10.7	4.5	8.9	4.0	12.7
South Atlantic	88	100.0	9.4	29.2	2.1	.3	32.1	9.0	16.5	.1	1.3
Pacific[2]	27	100.0	2.4	5.6	7.2	7.4	9.7	.4	5.3	3.9	58.1
Balance of U.S.[3]	897	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	1,135	100.0	4.5	17.3	12.2	6.0	14.1	4.8	10.0	9.0	22.1
Shipments from--											
Middle Atlantic	122	100.0	3.7	11.0	16.7	5.7	17.0	4.2	6.7	11.1	23.9
East North Central	361	100.0	3.1	14.2	6.9	6.2	11.3	3.3	11.6	8.0	35.4
South Atlantic	46	100.0	6.1	13.6	1.8	.5	26.6	12.8	32.2	.2	6.2
Pacific[2]	27	100.0	6.0	13.4	13.8	10.5	21.9	.8	9.1	3.2	21.3
Balance of U.S.[3]	579	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 122--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Other Furniture, Fixtures, and Partitions

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U. S. total	1,830	100.0	14.7	65.9	18.4	0.1	0.1	0.7	0.1
Middle Atlantic, total	280	100.0	.2	76.8	21.5	-	.3	.7	.5
Shipments to--									
Middle Atlantic	110	100.0	-	68.6	29.6	-	.4	.9	.5
East North Central	52	100.0	-	75.5	22.9	-	-	.4	1.2
South Atlantic	62	100.0	1.1	82.3	15.5	-	.5	.5	.1
East North Central, total	538	100.0	37.1	45.6	17.0	.1	.1	.1	-
Shipments to--									
Middle Atlantic	93	100.0	49.8	36.4	13.8	-	-	-	-
East North Central	166	100.0	3.8	63.9	32.0	-	-	.3	-
West North Central	43	100.0	30.4	46.4	23.0	-	-	.1	.1
South Atlantic	57	100.0	43.7	52.1	4.2	-	-	-	-
South Atlantic, total	88	100.0	21.1	72.0	2.8	.3	-	3.8	-
Shipments to--									
South Atlantic	28	100.0	15.6	81.4	2.6	-	-	.3	.1
TON-MILES	(millions of ton-miles)								
U. S. total	1,135	100.0	23.6	62.9	12.0	.3	.4	.8	-
Middle Atlantic, total	122	100.0	.4	86.9	11.0	.2	.6	.6	.3
Shipments to--									
Middle Atlantic	13	100.0	-	67.0	32.2	-	.3	.3	.2
East North Central	20	100.0	-	88.2	9.9	-	-	.6	1.3
South Atlantic	21	100.0	2.4	78.5	16.8	-	1.5	.7	.1
East North Central, total	361	100.0	56.0	35.8	7.5	.2	.4	.1	-
Shipments to--									
Middle Atlantic	51	100.0	56.8	29.8	13.4	-	-	-	-
East North Central	25	100.0	5.6	65.9	28.2	.1	-	.2	-
West North Central	23	100.0	42.0	40.1	17.7	-	-	.1	.1
South Atlantic	41	100.0	43.3	52.9	3.7	.1	-	-	-
South Atlantic, total	46	100.0	38.8	53.3	1.2	1.1	-	5.6	-
Shipments to--									
South Atlantic	12	100.0	31.8	67.1	.9	-	-	.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 122--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Other Furniture, Fixtures, and Partitions

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,830	272	1,198	360	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,135	114	743	278
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	14.7	4.8	5.3	53.5	23.6	10.5	7.4	72.1
Motor carrier.....	65.9	65.0	74.7	37.4	62.9	67.3	77.4	22.2
Private truck.....	18.4	27.4	19.2	8.9	12.0	16.5	13.8	5.4
Air.....	.1	-	.1	.1	.3	-	.4	.2
Water.....	.1	.6	-	-	.4	2.1	.2	-
Other.....	.7	2.2	.6	.1	.8	3.6	.7	.1
Unknown.....	.1	-	.1	-	-	-	.1	-
DISTANCE OF SHIPMENTS								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	11.0	32.2	7.4	6.7	1.0	3.9	.7	.6
100 to 199 miles.....	8.9	9.3	9.0	8.1	2.1	3.5	2.1	1.7
200 to 299 miles.....	9.3	12.6	9.4	6.6	3.7	7.8	3.7	2.2
300 to 399 miles.....	11.8	9.1	14.0	6.6	6.7	7.5	7.9	3.0
400 to 499 miles.....	6.8	6.2	8.2	2.5	4.9	6.6	5.9	1.5
500 to 999 miles.....	34.5	20.3	34.0	47.0	39.8	34.0	39.7	42.7
1,000 miles and over.....	17.7	10.3	18.0	22.5	41.8	36.7	40.0	48.3

Table 8. SHIPPER CLASS 122--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Other Furniture, Fixtures, and Partitions

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	32.8	18.2	63.3	90.9
Highway facilities	88.4	92.7	78.7	82.0
Rail and highway facilities	25.9	14.6	49.4	72.9
Air facilities	82.7	81.8	84.5	90.9
Rail, highway, and air facilities	14.4	10.9	38.8	63.8
Water facilities	28.4	32.0	20.2	27.1
Rail, highway, air, and water facilities	5.6	7.3	1.6	9.1

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 10.2 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 123--Percent Distribution of Distance, by Means of Transport: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	760	100.0	29.6	60.0	2.0	0.5	1.1	6.8	-
Under 50 miles	54	100.0	1.1	83.4	11.4	2.6	.1	1.3	0.1
50 to 99 miles	31	100.0	.5	89.1	7.2	.1	-	3.0	.1
100 to 199 miles	82	100.0	8.4	83.6	3.1	.1	-	4.8	-
200 to 299 miles	45	100.0	7.3	82.7	-	.4	-	9.6	-
300 to 399 miles	77	100.0	36.4	56.0	-	.2	2.8	4.6	-
400 to 499 miles	49	100.0	31.9	50.7	6.7	.1	-	10.6	-
500 to 599 miles	36	100.0	14.0	77.6	.7	.4	2.4	4.9	-
600 to 799 miles	94	100.0	38.1	54.7	.4	.2	.7	5.9	-
800 to 999 miles	50	100.0	12.2	67.1	.9	.8	5.2	13.8	-
1,000 to 1,199 miles	18	100.0	37.0	41.5	-	.4	2.8	18.3	-
1,200 to 1,499 miles	32	100.0	35.6	54.2	-	1.3	1.5	7.4	-
1,500 to 1,999 miles	107	100.0	40.8	51.4	-	.1	.5	7.1	.1
2,000 miles and over	85	100.0	73.4	18.6	-	.6	.5	6.7	.2
TON-MILES	(millions of ton-miles)								
Total	670	100.0	45.6	44.7	.5	.4	1.2	7.5	.1
Under 50 miles	2	100.0	.5	86.8	9.4	2.2	-	1.0	.1
50 to 99 miles	2	100.0	.5	90.1	6.4	.1	-	2.8	.1
100 to 199 miles	13	100.0	9.2	82.0	3.5	.1	-	5.2	-
200 to 299 miles	12	100.0	7.6	82.9	-	.4	-	9.1	-
300 to 399 miles	27	100.0	35.6	56.6	-	.2	3.0	4.6	-
400 to 499 miles	22	100.0	32.3	49.9	6.8	.1	-	10.9	-
500 to 599 miles	19	100.0	13.9	77.5	.8	.4	2.5	4.9	-
600 to 799 miles	66	100.0	39.0	53.8	.4	.2	.7	5.9	-
800 to 999 miles	44	100.0	11.8	67.4	.9	.8	5.1	14.0	-
1,000 to 1,199 miles	19	100.0	36.9	41.8	-	.4	2.6	18.3	-
1,200 to 1,499 miles	41	100.0	35.3	54.0	-	1.3	1.5	7.9	-
1,500 to 1,999 miles	195	100.0	40.8	51.9	-	.1	.5	6.6	.1
2,000 miles and over	208	100.0	73.2	18.4	-	.6	.9	6.7	.2

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 123--Percent Distribution of Weight, by Means of Transport: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	752	100.0	29.9	59.6	2.0	8.5
Under 1,000 pounds	240	100.0	4.1	72.2	1.7	22.0
Under 50 pounds	39	100.0	.5	36.2	1.2	62.1
50 to 99 pounds	24	100.0	2.3	68.5	.3	28.9
100 to 199 pounds	39	100.0	3.6	80.3	.3	15.8
200 to 499 pounds	84	100.0	3.5	83.6	3.5	9.4
500 to 999 pounds	54	100.0	8.7	76.6	.7	14.0
1,000 to 9,999 pounds	203	100.0	19.9	70.4	4.4	5.3
1,000 to 1,999 pounds	62	100.0	6.8	85.7	2.0	5.5
2,000 to 2,999 pounds	24	100.0	10.9	80.0	3.6	5.5
3,000 to 3,999 pounds	22	100.0	23.7	67.4	5.1	3.8
4,000 to 4,999 pounds	12	100.0	18.4	72.7	-	8.9
5,000 to 9,999 pounds	83	100.0	31.6	56.8	6.9	4.7
10,000 to 29,999 pounds	244	100.0	55.1	43.7	1.0	.2
10,000 to 19,999 pounds	151	100.0	56.9	41.3	1.7	.1
20,000 to 29,999 pounds	93	100.0	51.9	47.7	-	.4
30,000 to 59,999 pounds	61	100.0	60.0	40.0	-	-
30,000 to 39,999 pounds	24	100.0	52.6	47.4	-	-
40,000 to 49,999 pounds	15	100.0	12.0	88.0	-	-
50,000 to 59,999 pounds	22	100.0	100.0	-	-	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total	670	100.0	45.6	44.7	.5	9.2
Under 1,000 pounds	187	100.0	8.7	64.0	.5	26.8
Under 50 pounds	31	100.0	.7	32.6	.3	66.4
50 to 99 pounds	17	100.0	4.1	64.8	.2	30.9
100 to 199 pounds	26	100.0	7.5	71.2	-	21.3
200 to 499 pounds	62	100.0	8.3	76.0	1.1	14.6
500 to 999 pounds	51	100.0	16.1	64.8	-	19.1
1,000 to 9,999 pounds	146	100.0	31.4	59.8	1.5	7.3
1,000 to 1,999 pounds	48	100.0	15.9	74.5	.9	8.7
2,000 to 2,999 pounds	21	100.0	15.9	72.3	.8	11.0
3,000 to 3,999 pounds	19	100.0	45.0	52.1	.4	2.5
4,000 to 4,999 pounds	7	100.0	36.5	50.9	-	12.6
5,000 to 9,999 pounds	51	100.0	46.4	45.1	3.2	5.3
10,000 to 29,999 pounds	217	100.0	73.0	26.6	-	.4
10,000 to 19,999 pounds	107	100.0	74.7	25.0	-	.3
20,000 to 29,999 pounds	110	100.0	71.1	28.3	-	.6
30,000 to 59,999 pounds	112	100.0	68.8	31.2	-	-
30,000 to 39,999 pounds	34	100.0	69.8	30.2	-	-
40,000 to 49,999 pounds	29	100.0	15.2	84.8	-	-
50,000 to 59,999 pounds	49	100.0	100.0	-	-	-
60,000 to 89,999 pounds	4	100.0	100.0	-	-	-
90,000 pounds and over	4	100.0	100.0	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 123--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	752	100.0	29.9	59.6	2.0	8.5
Under 200 miles	160	100.0	4.8	83.9	6.9	4.4
Under 1,000 pounds	61	100.0	.2	82.9	5.7	11.2
1,000 to 9,999 pounds	46	100.0	-	88.5	10.8	.7
10,000 to 29,999 pounds	47	100.0	16.0	78.5	5.5	-
30,000 pounds and over	6	100.0	-	100.0	-	-
200 to 399 miles	122	100.0	25.7	65.8	-	8.5
Under 1,000 pounds	36	100.0	1.2	75.8	-	23.0
1,000 to 9,999 pounds	40	100.0	26.8	68.1	-	5.1
10,000 pounds and over	46	100.0	44.0	56.0	-	-
400 to 599 miles	85	100.0	24.4	62.0	4.2	9.4
Under 1,000 pounds	30	100.0	.3	76.0	.2	23.5
1,000 to 9,999 pounds	25	100.0	17.1	65.3	14.2	3.4
10,000 pounds and over	30	100.0	54.7	45.3	-	-
600 to 999 miles	144	100.0	29.1	58.9	.6	11.4
Under 1,000 pounds	50	100.0	2.3	71.3	.9	25.5
1,000 to 9,999 pounds	44	100.0	13.5	77.4	.9	8.2
10,000 to 29,999 pounds	46	100.0	66.3	33.7	-	-
30,000 pounds and over	4	100.0	100.0	-	-	-
1,000 miles and over	241	100.0	51.2	39.6	-	9.2
Under 1,000 pounds	63	100.0	12.7	58.7	-	28.6
1,000 to 9,999 pounds	48	100.0	40.6	51.8	-	7.6
10,000 to 29,999 pounds	76	100.0	79.1	20.2	-	.7
30,000 to 59,999 pounds	50	100.0	64.0	36.0	-	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	670	100.0	45.6	44.7	.5	9.2
Under 200 miles	16	100.0	7.2	83.4	4.6	4.8
Under 1,000 pounds	8	100.0	.2	83.0	6.3	10.5
1,000 to 9,999 pounds	3	100.0	-	92.3	7.4	.3
10,000 to 29,999 pounds	5	100.0	22.3	77.2	.5	-
30,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	39	100.0	27.2	64.4	-	8.4
Under 1,000 pounds	11	100.0	1.4	76.2	-	22.4
1,000 to 9,999 pounds	13	100.0	26.6	67.3	-	6.1
10,000 pounds and over	15	100.0	46.3	53.7	-	-
400 to 599 miles	42	100.0	23.7	62.7	4.0	9.6
Under 1,000 pounds	15	100.0	.3	76.3	.3	23.1
1,000 to 9,999 pounds	12	100.0	15.9	66.2	13.7	4.2
10,000 pounds and over	15	100.0	53.5	46.5	-	-
600 to 999 miles	110	100.0	28.1	59.2	.6	12.1
Under 1,000 pounds	39	100.0	2.3	70.7	.8	26.2
1,000 to 9,999 pounds	33	100.0	12.8	77.0	1.1	9.1
10,000 to 29,999 pounds	34	100.0	65.4	34.6	-	-
30,000 pounds and over	4	100.0	100.0	-	-	-
1,000 miles and over	463	100.0	54.8	36.6	-	8.6
Under 1,000 pounds	114	100.0	13.3	57.7	-	29.0
1,000 to 9,999 pounds	84	100.0	42.9	49.7	-	7.4
10,000 to 29,999 pounds	149	100.0	81.1	18.3	-	.6
30,000 to 59,999 pounds	108	100.0	68.0	32.0	-	-
60,000 to 89,999 pounds	4	100.0	100.0	-	-	-
90,000 pounds and over	4	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 123--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	760	100.0	29.6	60.0	2.0	0.5	1.1	6.8	-
New England	146	100.0	32.4	56.5	2.6	.5	.8	7.2	-
Middle Atlantic	230	100.0	42.9	42.3	4.9	1.0	3.1	5.7	0.1
East North Central	218	100.0	14.0	77.4	-	-	-	8.6	-
Balance of United States[1]	166	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	670	100.0	45.6	44.7	.5	.4	1.2	7.5	.1
New England	131	100.0	58.5	29.7	.4	.8	1.9	8.7	-
Middle Atlantic	171	100.0	54.4	32.5	1.3	.6	3.1	7.8	.3
East North Central	184	100.0	19.0	73.0	-	-	-	8.0	-
Balance of United States[1]	184	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 123--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	760	760	48	160	194	44	84	32	41	19	138
Ton-miles.....millions..	670	670	25	105	107	36	60	19	34	30	254
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	760	100.0	6.3	21.0	25.5	5.8	11.1	4.2	5.5	2.5	18.1
Shipments from--											
New England	146	100.0	12.3	28.6	15.4	6.8	10.3	3.1	5.8	1.4	16.3
Middle Atlantic	230	100.0	6.1	24.0	33.7	6.6	9.4	3.4	2.0	3.6	11.2
East North Central	218	100.0	3.2	10.2	30.6	4.9	14.3	3.4	2.0	2.7	28.7
Balance of U.S.[2]	166	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	670	100.0	3.6	15.7	16.0	5.4	8.9	2.9	5.1	4.4	38.0
Shipments from--											
New England	131	100.0	.7	5.6	12.2	8.7	9.2	3.3	10.0	3.2	47.1
Middle Atlantic	171	100.0	2.1	5.7	24.2	9.6	6.5	2.9	3.7	8.8	36.5
East North Central	184	100.0	3.1	7.5	5.7	2.2	9.9	1.3	2.1	4.6	63.6
Balance of U.S.[2]	184	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 123--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Geographic divisions of orgin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	760	100.0	29.6	60.0	2.0	0.5	1.1	6.8	-
New England, total	146	100.0	32.4	56.5	2.6	.5	.8	7.2	-
Shipments to--									
New England	18	100.0	.9	87.9	6.5	.1	-	4.6	-
Middle Atlantic	42	100.0	1.0	88.7	6.1	.1	-	4.1	-
East North Central	22	100.0	51.3	39.3	.2	.5	-	8.7	-
South Atlantic	15	100.0	24.6	61.5	-	1.6	2.6	9.7	-
Middle Atlantic, total	230	100.0	42.9	42.3	4.9	1.0	3.1	5.7	0.1
Shipments to--									
New England	14	100.0	.4	69.2	23.3	.9	-	6.2	-
Middle Atlantic	55	100.0	22.5	58.6	13.2	2.8	.1	2.6	.2
East North Central	77	100.0	59.5	33.0	-	.1	3.7	3.7	-
South Atlantic	22	100.0	32.0	48.1	1.2	.5	12.1	6.1	-
Pacific	26	100.0	64.2	24.7	-	1.1	.7	8.6	.7
TON-MILES	(millions of ton-miles)								
U.S. total	670	100.0	45.6	44.7	.5	.4	1.2	7.5	.1
New England, total	131	100.0	58.5	29.7	.4	.8	1.9	8.7	-
Shipments to--									
New England	1	100.0	1.5	83.6	6.7	.3	-	7.9	-
Middle Atlantic	7	100.0	2.3	86.2	6.2	.2	-	5.1	-
East North Central	16	100.0	52.4	37.4	.2	.5	-	9.5	-
South Atlantic	12	100.0	33.0	53.1	-	2.1	3.9	7.9	-
Middle Atlantic, total	171	100.0	54.4	32.5	1.3	.6	3.1	7.8	.3
Shipments to--									
New England	4	100.0	.3	51.5	42.1	1.0	-	5.1	-
Middle Atlantic	10	100.0	41.7	52.7	2.5	.6	-	2.5	-
East North Central	41	100.0	60.3	32.9	-	.1	3.0	3.7	-
South Atlantic	11	100.0	24.9	47.2	1.3	.5	19.6	6.5	-
Pacific	63	100.0	64.1	24.5	-	1.1	1.0	8.6	.7

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 123--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	760	96	99	565	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	670	78	54	538
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	29.6	-	.8	39.7	45.6	-	1.1	56.7
Motor carrier.....	60.0	90.9	74.9	51.9	44.7	89.5	66.9	36.0
Private truck.....	2.0	-	1.3	2.5	.5	-	.1	.6
Air.....	.5	.3	1.9	.3	.4	.5	.8	.4
Water.....	1.1	.1	-	1.5	1.2	.4	-	1.4
Other.....	6.8	8.7	21.1	4.0	7.5	9.6	31.1	4.8
Unknown.....	-	-	-	.1	.1	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	11.3	18.3	15.5	9.4	.6	1.8	1.1	.4
100 to 199 miles.....	10.8	5.3	24.6	9.3	1.9	1.0	7.0	1.5
200 to 299 miles.....	6.0	6.9	8.8	5.3	1.7	2.2	3.9	1.4
300 to 399 miles.....	10.2	8.3	3.4	11.7	4.0	3.8	2.2	4.2
400 to 499 miles.....	6.5	5.5	7.0	6.5	3.3	3.0	5.8	3.1
500 to 999 miles.....	23.7	29.0	28.3	21.9	19.4	25.6	40.2	16.4
1,000 miles and over.....	31.5	26.7	12.4	35.9	69.1	62.6	39.8	73.0

Table 8. SHIPPER CLASS 123--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Jewelry, Silver and Plated Ware; Toys; Amusement, Sporting, and Athletic Goods; Costume Jewelry, Novelties, and Notions

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	9.7	10.4	-	59.7
Highway facilities	81.6	83.9	75.6	84.7
Rail and highway facilities	2.0	-	-	44.4
Air facilities	78.4	67.8	100.0	98.6
Rail, highway, and air facilities	2.0	-	-	44.4
Water facilities	30.2	33.0	24.4	23.6
Rail, highway, air, and water facilities	.4	-	-	9.7

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.6 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 124--Percent Distribution of Distance, by Means of Transport: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,640	100.0	6.8	70.3	18.6	0.2	0.5	3.6	-
Under 50 miles	99	100.0	.1	56.9	36.7	-	.4	5.9	-
50 to 99 miles	151	100.0	.3	65.0	30.9	-	.8	2.9	0.1
100 to 199 miles	221	100.0	-	77.3	15.8	.1	-	6.8	-
200 to 299 miles	240	100.0	4.3	82.9	11.1	-	-	1.7	-
300 to 399 miles	164	100.0	6.6	67.5	23.9	.1	-	1.9	-
400 to 499 miles	147	100.0	1.5	78.4	17.1	.2	-	2.8	-
500 to 599 miles	122	100.0	9.5	70.0	19.1	-	-	1.4	-
600 to 799 miles	171	100.0	11.5	69.3	15.2	.6	-	3.3	.1
800 to 999 miles	98	100.0	3.5	68.4	24.8	.5	-	2.8	-
1,000 to 1,199 miles	42	100.0	5.7	77.3	9.6	.7	1.3	5.4	-
1,200 to 1,499 miles	33	100.0	10.6	59.7	21.7	.1	.1	7.8	-
1,500 to 1,999 miles	83	100.0	25.5	59.4	13.2	.2	.1	1.6	-
2,000 miles and over	69	100.0	38.0	43.0	-	.9	9.6	8.5	-
TON-MILES	(millions of ton-miles)								
Total	908	100.0	14.9	64.3	14.0	.4	2.4	4.0	-
Under 50 miles	2	100.0	.1	59.0	34.7	-	.2	6.0	-
50 to 99 miles	11	100.0	.3	66.7	29.0	-	.6	3.3	.1
100 to 199 miles	34	100.0	-	76.1	16.2	.1	-	7.6	-
200 to 299 miles	59	100.0	4.7	82.2	11.3	-	-	1.8	-
300 to 399 miles	55	100.0	6.6	67.5	23.9	.1	-	1.9	-
400 to 499 miles	65	100.0	1.4	78.2	17.3	.2	-	2.9	-
500 to 599 miles	68	100.0	9.5	70.5	18.6	-	-	1.4	-
600 to 799 miles	118	100.0	10.6	70.1	15.5	.6	-	3.2	-
800 to 999 miles	87	100.0	3.6	68.7	24.4	.5	-	2.8	-
1,000 to 1,199 miles	46	100.0	5.8	77.5	9.2	.7	1.4	5.4	-
1,200 to 1,499 miles	45	100.0	11.0	59.3	21.8	.1	.1	7.7	-
1,500 to 1,999 miles	146	100.0	23.3	61.1	13.8	.2	.1	1.5	-
2,000 miles and over	172	100.0	37.3	41.3	-	1.0	12.1	8.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 124--Percent Distribution of Weight, by Means of Transport: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,638	100.0	6.8	70.3	18.6	4.3
Under 1,000 pounds	517	100.0	2.1	77.8	10.3	9.8
Under 50 pounds	33	100.0	.5	45.0	1.9	52.6
50 to 99 pounds	38	100.0	2.5	79.5	2.5	15.5
100 to 199 pounds	87	100.0	2.1	72.9	16.1	8.9
200 to 499 pounds	193	100.0	1.9	79.8	12.1	6.2
500 to 999 pounds	166	100.0	2.6	83.7	8.6	5.1
1,000 to 9,999 pounds	601	100.0	2.0	67.6	27.1	3.3
1,000 to 1,999 pounds	168	100.0	2.8	82.6	12.6	2.0
2,000 to 2,999 pounds	111	100.0	1.5	75.3	21.2	2.0
3,000 to 3,999 pounds	78	100.0	1.3	74.7	20.2	3.8
4,000 to 4,999 pounds	54	100.0	.3	67.0	30.1	2.6
5,000 to 9,999 pounds	190	100.0	2.3	47.2	45.4	5.1
10,000 to 29,999 pounds	298	100.0	12.2	64.8	22.9	.1
10,000 to 19,999 pounds	207	100.0	9.2	60.6	30.1	.1
20,000 to 29,999 pounds	91	100.0	19.0	74.5	6.5	-
30,000 to 59,999 pounds	181	100.0	16.7	76.3	7.0	-
30,000 to 39,999 pounds	144	100.0	-	91.3	8.7	-
40,000 to 49,999 pounds	14	100.0	52.3	47.7	-	-
50,000 to 59,999 pounds	23	100.0	100.0	-	-	-
60,000 to 89,999 pounds	33	100.0	67.8	32.2	-	-
60,000 to 69,999 pounds	9	100.0	100.0	-	-	-
70,000 to 79,999 pounds	11	100.0	-	100.0	-	-
80,000 to 89,999 pounds	13	100.0	100.0	-	-	-
90,000 pounds and over	8	100.0	-	-	100.0	-
TON-MILES	(millions of ton-miles)					
Total	906	100.0	14.9	64.3	14.0	6.8
Under 1,000 pounds	303	100.0	4.2	79.6	2.4	13.8
Under 50 pounds	20	100.0	1.1	38.3	.5	60.1
50 to 99 pounds	25	100.0	5.4	77.7	.4	16.5
100 to 199 pounds	48	100.0	4.8	80.1	3.9	11.2
200 to 499 pounds	111	100.0	4.0	83.1	2.7	10.2
500 to 999 pounds	99	100.0	4.6	84.2	2.1	9.1
1,000 to 9,999 pounds	312	100.0	3.9	66.0	23.7	6.4
1,000 to 1,999 pounds	92	100.0	5.7	80.9	6.6	6.8
2,000 to 2,999 pounds	48	100.0	3.9	71.3	21.8	3.0
3,000 to 3,999 pounds	53	100.0	2.4	65.7	16.8	15.1
4,000 to 4,999 pounds	25	100.0	.4	71.5	25.1	3.0
5,000 to 9,999 pounds	94	100.0	3.8	47.4	45.0	3.8
10,000 to 29,999 pounds	178	100.0	23.0	54.0	22.8	.2
10,000 to 19,999 pounds	149	100.0	19.7	54.7	25.3	.3
20,000 to 29,999 pounds	29	100.0	39.7	50.2	10.1	-
30,000 to 59,999 pounds	55	100.0	25.9	66.0	8.1	-
30,000 to 39,999 pounds	39	100.0	-	88.6	11.4	-
40,000 to 49,999 pounds	4	100.0	56.5	43.5	-	-
50,000 to 59,999 pounds	12	100.0	100.0	-	-	-
60,000 to 89,999 pounds	57	100.0	96.0	4.0	-	-
60,000 to 69,999 pounds	23	100.0	100.0	-	-	-
70,000 to 79,999 pounds	2	100.0	-	100.0	-	-
80,000 to 89,999 pounds	32	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	-	-	100.0	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 124--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,638	100.0	6.8	70.3	18.6	4.3
Under 200 miles	470	100.0	.1	69.2	25.1	5.6
Under 1,000 pounds	155	100.0	.3	61.5	28.2	10.0
1,000 to 9,999 pounds	193	100.0	-	66.9	27.1	6.0
10,000 to 29,999 pounds	61	100.0	-	75.6	24.4	-
30,000 to 59,999 pounds	54	100.0	-	99.4	.6	-
60,000 pounds and over	7	100.0	-	-	100.0	-
200 to 399 miles	404	100.0	5.3	76.6	16.3	1.8
Under 1,000 pounds	101	100.0	.2	86.7	7.6	5.5
1,000 to 9,999 pounds	133	100.0	2.3	67.6	28.8	1.3
10,000 to 29,999 pounds	75	100.0	4.3	84.0	11.7	-
30,000 to 59,999 pounds	84	100.0	17.5	69.3	13.2	-
60,000 pounds and over	11	100.0	-	100.0	-	-
400 to 599 miles	269	100.0	5.1	74.6	18.0	2.3
Under 1,000 pounds	71	100.0	1.0	89.5	.7	8.8
1,000 to 9,999 pounds	110	100.0	1.4	70.7	27.9	-
10,000 to 29,999 pounds	68	100.0	17.1	57.5	25.4	-
30,000 pounds and over	20	100.0	-	100.0	-	-
600 to 999 miles	268	100.0	8.6	69.0	18.7	3.7
Under 1,000 pounds	100	100.0	3.8	85.7	.8	9.7
1,000 to 9,999 pounds	95	100.0	3.5	67.5	28.7	.3
10,000 to 29,999 pounds	50	100.0	1.0	59.3	39.7	-
30,000 to 89,999 pounds	22	100.0	71.4	23.4	5.2	-
90,000 pounds and over	1	100.0	-	-	100.0	-
1,000 miles and over	227	100.0	23.5	57.7	9.8	9.0
Under 1,000 pounds	91	100.0	6.4	77.4	.7	15.5
1,000 to 9,999 pounds	70	100.0	5.9	64.9	20.3	8.9
10,000 to 59,999 pounds	44	100.0	48.2	34.4	17.0	.4
90,000 pounds and over	22	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	906	100.0	14.9	64.3	14.0	6.8
Under 200 miles	47	100.0	.1	73.0	20.2	6.7
Under 1,000 pounds	14	100.0	.3	66.6	23.9	9.2
1,000 to 9,999 pounds	19	100.0	-	65.1	25.1	9.8
10,000 to 29,999 pounds	6	100.0	-	81.0	19.0	-
30,000 to 59,999 pounds	8	100.0	-	99.7	.3	-
60,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	113	100.0	5.6	75.2	17.4	1.8
Under 1,000 pounds	30	100.0	.3	87.5	6.7	5.5
1,000 to 9,999 pounds	38	100.0	2.6	66.2	30.0	1.2
10,000 to 29,999 pounds	20	100.0	3.7	82.4	13.9	-
30,000 to 59,999 pounds	23	100.0	19.5	65.5	15.0	-
60,000 pounds and over	2	100.0	-	100.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 124--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	134	100.0	5.6	74.2	18.0	2.2
Under 1,000 pounds	35	100.0	.9	90.0	.7	8.4
1,000 to 9,999 pounds	56	100.0	1.2	71.3	27.5	-
10,000 to 29,999 pounds	34	100.0	19.1	55.6	25.3	-
30,000 pounds and over	9	100.0	-	100.0	-	-
600 to 999 miles	205	100.0	7.7	69.3	19.3	3.7
Under 1,000 pounds	75	100.0	4.1	85.3	.9	9.7
1,000 to 9,999 pounds	72	100.0	3.3	67.6	28.8	.3
10,000 to 29,999 pounds	41	100.0	1.2	58.9	39.9	-
30,000 to 89,999 pounds	16	100.0	63.1	30.7	6.2	-
90,000 pounds and over	1	100.0	-	-	100.0	-
1,000 miles and over	407	100.0	26.0	54.2	8.4	11.4
Under 1,000 pounds	148	100.0	6.3	74.0	.5	19.2
1,000 to 9,999 pounds	126	100.0	6.4	62.8	16.9	13.9
10,000 to 59,999 pounds	78	100.0	42.5	41.7	15.3	.5
90,000 pounds and over	55	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 124--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,640	100.0	6.8	70.3	18.6	0.2	0.5	3.6	-
New England	90	100.0	17.5	73.7	-	.6	2.3	5.9	-
Middle Atlantic	557	100.0	11.6	74.6	10.3	.1	.1	3.3	-
East North Central	767	100.0	2.5	68.7	26.1	.2	.1	2.4	-
West North Central	46	100.0	2.3	86.6	1.3	1.3	-	8.5	-
South Atlantic	67	100.0	8.7	38.4	34.9	.1	-	17.9	-
Balance of United States[1]	113	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	908	100.0	14.9	64.3	14.0	.4	2.4	4.0	-
New England	86	100.0	28.3	61.3	-	1.2	3.9	5.3	-
Middle Atlantic	296	100.0	27.4	62.3	2.8	.3	.4	6.8	-
East North Central	397	100.0	3.3	68.3	26.0	.2	.7	1.5	-
West North Central	27	100.0	3.8	83.1	1.9	1.8	.1	9.3	-
South Atlantic	24	100.0	25.4	51.2	11.2	.1	-	12.1	-
Balance of United States[1]	78	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 124--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,640	1,640	112	275	440	117	317	98	90	27	164
Ton-miles.....millions..	908	908	48	72	124	69	129	55	92	31	288
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,640	100.0	6.8	16.8	26.8	7.1	19.3	6.0	5.5	1.7	10.0
Shipments from--											
New England	90	100.0	6.6	23.7	11.9	3.2	9.4	13.9	20.3	1.0	10.0
Middle Atlantic	557	100.0	11.9	28.3	15.5	3.7	26.6	2.4	2.6	.6	8.4
East North Central	767	100.0	4.4	10.5	39.7	9.1	14.8	7.4	5.4	1.5	7.2
West North Central	46	100.0	3.7	7.2	16.2	35.1	5.4	2.5	9.8	6.1	14.0
South Atlantic	67	100.0	1.5	11.5	7.6	4.3	54.8	12.0	4.9	2.2	1.2
Balance of U.S.[2]	113	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	908	100.0	5.3	7.9	13.6	7.6	14.2	6.1	10.1	3.4	31.8
Shipments from--											
New England	86	100.0	.6	5.1	8.6	3.8	6.1	13.1	32.2	1.9	28.6
Middle Atlantic	296	100.0	5.7	6.2	14.6	7.1	15.5	3.8	6.6	2.0	38.5
East North Central	397	100.0	6.2	10.0	13.6	9.0	15.6	6.7	8.9	3.9	26.1
West North Central	27	100.0	6.3	11.9	10.0	12.2	7.4	2.2	7.3	7.3	35.4
South Atlantic	24	100.0	2.9	8.5	11.0	10.9	22.4	10.7	16.3	9.3	8.0
Balance of U.S.[2]	78	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 124--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,640	100.0	6.8	70.3	18.6	0.2	0.5	3.6	-
New England, total	90	100.0	17.5	73.7	-	.6	2.3	5.9	-
Shipments to--									
Middle Atlantic	21	100.0	.1	88.8	-	.4	5.5	5.2	-
East North Central	11	100.0	4.0	86.5	-	.3	-	9.2	-
Middle Atlantic, total	557	100.0	11.6	74.6	10.3	.1	.1	3.3	-
Shipments to--									
New England	66	100.0	10.9	67.1	21.0	-	-	1.0	-
Middle Atlantic	158	100.0	2.0	77.9	18.1	-	-	1.9	0.1
East North Central	86	100.0	4.4	90.2	.5	.2	-	4.7	-
West North Central	21	100.0	1.3	88.0	-	1.3	-	9.4	-
South Atlantic	148	100.0	15.9	73.3	9.6	-	.2	1.0	-
West South Central	14	100.0	4.7	79.0	3.5	.1	.1	12.4	-
Pacific	47	100.0	53.6	35.6	-	.3	.4	10.1	-
East North Central, total	767	100.0	2.5	68.7	26.1	.2	.1	2.4	-
Shipments to--									
Middle Atlantic	81	100.0	.4	67.9	29.8	.7	-	1.2	-
East North Central	305	100.0	.5	71.8	23.6	-	-	4.1	-
West North Central	70	100.0	3.0	68.9	25.0	-	-	3.1	-
South Atlantic	113	100.0	10.4	66.7	21.7	.1	-	1.0	.1
Pacific	55	100.0	5.7	72.1	19.9	-	1.2	1.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	908	100.0	14.9	64.3	14.0	.4	2.4	4.0	-
New England, total	86	100.0	28.3	61.3	-	1.2	3.9	5.3	-
Shipments to--									
Middle Atlantic	4	100.0	-	95.1	-	.3	1.4	3.2	-
East North Central	7	100.0	5.0	85.8	-	.4	-	8.8	-
Middle Atlantic, total	296	100.0	27.4	62.3	2.8	.3	.4	6.8	-
Shipments to--									
New England	17	100.0	12.0	64.3	23.0	-	-	.7	-
Middle Atlantic	18	100.0	4.0	81.4	12.5	-	-	2.0	.1
East North Central	43	100.0	4.9	88.9	.5	.2	-	5.5	-
West North Central	21	100.0	1.2	87.8	-	1.2	-	9.8	-
South Atlantic	46	100.0	27.7	67.3	3.0	-	.6	1.4	-
West South Central	19	100.0	4.9	79.0	3.3	.1	.3	12.4	-
Pacific	114	100.0	53.5	35.4	-	.3	.8	10.0	-
East North Central, total	397	100.0	3.3	68.3	26.0	.2	.7	1.5	-
Shipments to--									
Middle Atlantic	40	100.0	.6	60.0	37.2	.9	-	1.3	-
East North Central	54	100.0	.7	74.8	20.4	-	-	4.1	-
West North Central	36	100.0	2.1	72.1	23.4	-	-	2.4	-
South Atlantic	62	100.0	10.7	64.0	23.9	.2	-	1.1	.1
Pacific	104	100.0	4.7	72.5	19.2	-	2.6	1.0	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 124--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,640	261	982	397	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	908	106	586	216
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	6.8	3.1	4.1	15.9	14.9	7.5	7.8	37.8
Motor carrier.....	70.3	70.4	72.5	64.9	64.3	78.6	67.7	48.0
Private truck.....	18.6	18.4	19.6	16.3	14.0	5.1	17.8	8.0
Air.....	.2	.3	.2	.1	.4	.9	.4	.2
Water.....	.5	-	.7	.4	2.4	-	3.4	.7
Other.....	3.6	7.7	2.9	2.4	4.0	7.9	2.9	5.3
Unknown.....	-	.1	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	15.3	28.8	11.4	15.9	1.5	3.1	1.1	1.6
100 to 199 miles.....	13.5	18.4	13.8	9.4	3.7	6.2	3.7	2.5
200 to 299 miles.....	14.6	13.4	13.1	19.1	6.5	7.8	5.6	8.3
300 to 399 miles.....	10.0	8.1	9.5	12.7	6.1	6.8	5.4	7.6
400 to 499 miles.....	9.0	3.7	9.2	11.9	7.2	4.1	6.9	9.6
500 to 999 miles.....	23.7	15.9	28.0	18.5	30.1	27.5	32.7	24.3
1,000 miles and over.....	13.9	11.7	15.0	12.5	44.9	44.5	44.6	46.1

Table 8. SHIPPER CLASS 124--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Musical Instruments; Pens, Pencils, and Office and Artists' Supplies and Materials; and Other Manufactured Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	22.1	14.9	35.7	30.4
Highway facilities	88.8	85.1	96.2	89.1
Rail and highway facilities	15.6	5.4	35.7	19.6
Air facilities	79.1	74.3	89.9	65.1
Rail, highway, and air facilities	14.7	5.4	33.3	16.7
Water facilities	20.1	16.1	29.5	6.9
Rail, highway, air, and water facilities	3.4	-	10.2	4.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.5 percent reported they did not have any of the above transportation facilities available.

Shipper Group 13

Stone, Clay, and Glass Products

131 Flat glass
132 Glass containers and other glass products
133 Structural clay, pottery, and related products
134 Concrete, gypsum, and plaster
135 Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products

SAMPLE SIZE

The sample for this shipper group consisted of 1071 establishments, of which 802 were in scope and provided data from 97,084 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (269 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The five classes in Shipper Group 13 and their related SIC industries are as follows:

Shipper Class 131.--Flat glass
- SIC 3211.--Flat glass

Shipper Class 132.--Glass containers and other glass products
- SIC 3221.--Glass containers
- SIC 3229.--Pressed and blown glass and glassware, n.e.c.
- SIC 3231.--Glass products made of purchased glass

Shipper Class 133.--Structural clay, pottery, and related products
- SIC 3251.--Brick and structural clay tile
- SIC 3253.--Ceramic wall and floor tile
- SIC 3255.--Clay refractories
- SIC 3259.--Structural clay products, n.e.c.
- SIC 3261.--Vitreous china plumbing fixtures and china and earthenware fittings and bathroom accessories
- SIC 3262.--Vitreous china table and kitchen articles
- SIC 3263.--Fine earthenware (whiteware) table and kitchen articles
- SIC 3264.--Porcelain electrical supplies
- SIC 3269.--Pottery products, n.e.c.
- SIC 3297.--Nonclay refractories

Shipper Class 134.--Concrete, gypsum, and plaster
- SIC 3271.--Concrete brick and block
- SIC 3272.--Concrete products, except block and brick
- SIC 3273.--Ready-mixed concrete
- SIC 3274.--Lime
- SIC 3275.--Gypsum products

Shipper Class 135.--Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products
- SIC 3241.--Cement, hydraulic
- SIC 3281.--Cut stone and stone products
- SIC 3291.--Abrasive products
- SIC 3292.--Asbestos products
- SIC 3293.--Gaskets, packing, and asbestos insulations
- SIC 3295.--Minerals and earths, ground or otherwise treated
- SIC 3296.--Mineral wool
- SIC 3299.--Nonmetallic mineral products, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
131–Flat glass	3211	3211
132--Glass containers and other glass products	3221,3229	3221,3229,3231
133--Structural clay, pottery, and related products	3251,3253,3255,3259, 3261,3262,3264,3269	3251,3253,3255,3259, 3261,3262,3263,3264, 3269,3297
134--Concrete, gypsum, and plaster	3271,3273,3274,3275	3271,3272,3273,3274, 3275
135–Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products	3241,3281,3291,3292, 3293,3295,3296,3299	3241,3281,3291,3292, 3293,3295,3296,3299

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 92 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 13	134,313	100.0	91.6	8.4
Class 131	1,388	100.0	93.0	7.0
Class 132	12,751	100.0	94.5	5.5
Class 133	23,680	100.0	99.3	.7
Class 134	31,273	100.0	83.3	16.7
Class 135	65,221	100.0	92.1	7.9

SUMMARY OF FINDINGS

GENERAL—Manufacturing plants in the Stone, Clay, and Glass Products Shipper Group shipped (beyond the local area) about 134,313,000 tons of commodities during 1967. Those shipments generated about 26.3 billion ton-miles by all means of transport combined, averaging about 196 straight-line miles per ton shipped.

As shown in table A, the Hydraulic Cement, Cut Stone and Stone Products Shipper Class dominated this group, shipping about one-half of the total tons. The Concrete, Gypsum, and Plaster Shipper Class accounted for almost one-quarter of the total tons; the Structural Clay Shipper Class accounted for 18 percent; the Glass Containers Shipper Class accounted for 9 percent; and the Flat Glass Shipper Class accounted for 1 percent.

Motor carriers were the major means of transport for the shipper group, hauling about 45 percent of the total tons. Rails hauled 36 percent of the tons, private trucks 18 percent, and all other means of transport accounted for 1 percent.

When measured in terms of ton-miles, rather than tons, rails were the principal means of transport for the shipper group as a whole, and for all of the shipper classes except Glass Containers, because of longer hauls by rail than by motor carrier. Of the 26 billion ton-miles for the shipper group, rails accounted for about 14 billion, motor carriers for 8 billion, and private trucks for 2.5 billion.

1967 Data Compared With 1963—The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 6 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Stone, Clay, and Glass Products Shipper Group and each shipper class for both years. A decrease for the shipper group is indicated in the table, from 164.4 million tons in 1963 to 134.3 million tons in 1967. Decreases are also indicated for shipper classes 133 (Structural Clay), 134 (Concrete, Gypsum and Plaster), and 135 (Hydraulic Cement and Cut Stone). The other two shipper classes (Flat Glass and Glass Containers) each show a slight increase.

As shown in table C, the relative distribution of tons by means of transport for the two years is fairly stable for the shipper group, although shifts are shown in the share for each type. Rails show a 6 percent increase in 1967; motor carriers show a 9 percent increase; and private trucks show a 10 percent decrease.

The length of haul for each means of transport in 1967 tends to be similar to that shown for 1963 for the shipper group, as shown in table D. The rail haul for all shipper classes except Flat Glass is somewhat longer in 1967. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 13: Stone, clay, and glass products	134,313	47,984	59,739	23,792	2,798
Shipper Classes:					
131. Flat glass	1,388	693	575	119	1
132. Glass containers and other glass products	12,751	2,072	8,941	1,711	27
133. Structural clay, pottery and related products	23,680	7,932	7,907	7,594	247
134. Concrete, gypsum, and plaster	31,273	12,994	11,337	6,666	276
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products	65,221	24,292	30,980	7,702	2,247
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 13: Stone, clay, and glass products	26,287	13,688	8,129	2,543	1,927
Shipper Classes:					
131. Flat glass	620	387	195	37	1
132. Glass containers and other glass products	3,493	1,077	2,095	295	26
133. Structural clay, pottery, and related products	5,703	3,345	1,372	931	55
134. Concrete, gypsum, and plaster	5,111	3,488	1,076	466	81
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products	11,360	5,391	3,392	814	1,763

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 13: Stone, clay, and glass products	134,313	164,360	175,597
Shipper Classes:			
131. Flat glass	1,388	1,365	1,365
132. Glass containers and other glass products	12,751	11,571	11,619
133. Structural clay, pottery, and related products	23,680	22,192	22,192
134. Concrete, gypsum, and plaster	31,273	48,766	59,264
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic mineral products	65,221	80,466	81,157

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 13: Stone, clay, and glass products:					
1967	100.0	35.7	44.5	17.7	2.1
1963	100.0	30.1	35.8	28.1	6.0
Shipper Classes					
131. Flat glass:					
1967	100.0	50.0	41.4	8.6	-
1963	100.0	44.9	39.8	15.0	.3
132. Glass containers and other glass products:					
1967	100.0	16.3	70.2	13.4	.1
1963	100.0	20.0	63.9	15.6	.5
133. Structural clay, pottery, and related products:					
1967	100.0	33.5	33.4	32.1	1.0
1963	100.0	33.1	26.3	40.3	.3
134. Concrete, gypsum, and plaster:					
1967	100.0	41.5	36.3	21.3	.9
1963	100.0	34.6	11.4	53.4	.6
135. Hydraulic cement; cut stone and and stone products; abrasives, asbestos, and miscellaneous nonmetallic products:					
1967	100.0	37.2	47.6	11.8	3.4
1963	100.0	27.2	52.0	8.3	12.5
TON-MILES					
Shipper Group 13: Stone, clay, and glass products:					
1967	100.0	52.1	30.9	9.7	7.3
1963	100.0	45.5	31.2	14.9	8.4
Shipper Classes					
131. Flat glass:					
1967	100.0	62.5	31.4	5.9	.2
1963	100.0	59.4	31.0	9.2	.4
132. Glass containers and other glass products:					
1967	100.0	30.8	60.1	8.4	.7
1963	100.0	30.2	56.4	12.3	1.1
133. Structural clay, pottery, and related products:					
1967	100.0	58.6	24.1	16.3	1.0
1963	100.0	58.4	19.9	21.2	.5
134. Concrete, gypsum, and plaster:					
1967	100.0	68.2	21.1	9.1	1.6
1963	100.0	57.0	12.2	30.0	.8
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic products:					
1967	100.0	47.4	29.9	7.2	15.5
1963	100.0	37.1	40.1	5.0	17.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 13: Stone, clay, and glass products:				
1967	196	285	136	107
1963	159	240	138	84
SHIPPER CLASSES				
131. Flat glass:				
1967	447	558	339	311
1963	459	607	357	283
132. Glass containers and other glass products:				
1967	274	520	234	172
1963	257	388	227	202
133. Structural clay, pottery, and related products:				
1967	241	422	174	123
1963	214	377	162	112
134. Concrete, gypsum, and plaster:				
1967	163	268	95	70
1963	118	194	126	66
135. Hydraulic cement; cut stone and stone products; abrasives, asbestos, and miscellaneous nonmetallic products:				
1967	174	222	109	106
1963	154	211	119	93

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 13: Stone, Clay, and Glass Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	35.1	45.1	18.3	1.5
1963	100.0	37.7	40.2	21.7	.4
Distance (straight-line miles)					
Under 200 miles:					
1967	100.0	25.4	51.3	22.3	1.0
1963	100.0	28.3	45.8	25.6	.3
200 to 399 miles:					
1967	100.0	58.7	31.5	9.3	.5
1963	100.0	58.0	25.3	15.8	.9
400 miles and over:					
1967	100.0	62.6	25.9	5.5	6.0
1963	100.0	61.8	31.4	6.2	.6
Weight					
Under 1,000 pounds:					
1967	100.0	2.9	84.9	7.9	4.3
1963	100.0	6.6	76.4	11.3	5.7
1,000 to 9,999 pounds:					
1967	100.0	6.6	58.3	32.4	2.7
1963	100.0	7.2	51.0	40.2	1.6
10,000 to 29,999 pounds:					
1967	100.0	4.6	56.0	38.6	.8
1963	100.0	4.8	56.8	38.1	.3
30,000 to 59,999 pounds:					
1967	100.0	5.2	71.9	22.6	.3
1963	100.0	7.1	62.7	29.8	.4
60,000 to 89,999 pounds:					
1967	100.0	65.8	27.4	6.3	.5
1963	100.0	77.3	12.7	10.0	-
90,000 pounds and over:					
1967	100.0	75.5	13.4	7.8	3.3
1963	100.0	74.1	16.1	9.3	.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 13: Stone, Clay, and Glass Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	35.7	44.5	17.7	2.1
1963	100.0	30.1	35.8	28.1	6.0
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	.7	4.2	95.0	.1
20 to 99 employees:					
1967	100.0	28.7	36.4	33.8	1.1
1963	100.0	23.7	26.6	49.3	.4
100 to 499 employees:					
1967	100.0	39.9	46.8	12.1	1.2
1963	100.0	37.5	42.5	17.2	2.8
500 employees and over:					
1967	100.0	32.3	50.7	9.5	7.5
1963	100.0	23.9	35.9	13.4	26.8

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 13: Stone, Clay, and Glass Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	35.7	44.5	17.7	2.1
1963	100.0	30.1	35.8	28.1	6.0
Middle Atlantic:					
1967	100.0	25.3	65.5	8.2	1.0
1963	100.0	20.9	44.1	34.8	.2
East North Central:					
1967	100.0	38.8	39.9	17.5	3.8
1963	100.0	20.2	46.2	15.7	17.9
South Atlantic:					
1967	100.0	38.5	42.2	18.3	1.0
1963	100.0	41.7	27.5	30.5	.3
West South Central:					
1967	100.0	30.5	47.2	21.5	.8
1963	100.0	28.3	47.6	24.0	.1
Mountain and Pacific:					
1967	100.0	26.5	39.1	30.5	3.9
1963	100.0	29.1	27.3	43.2	.4

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 13: STONE, CLAY, AND GLASS PRODUCTS		
Total shipments	134,313	9.0
Shipments by--		
Rail	47,984	13.6
Motor carrier	59,739	9.2
Private truck	23,792	11.6
All other	2,798	-
Shipments from--		
New England Division	1,953	23.6
Middle Atlantic Division	22,988	13.4
East North Central Division	36,504	18.0
West North Central Division	12,403	25.8
South Atlantic Division	20,735	15.8
East South Central Division	7,623	24.8
West South Central Division	12,180	23.2
Mountain Division	4,557	55.6
Pacific Division	15,370	15.0
SHIPPER CLASS 131: FLAT GLASS		
Total shipments	1,388	6.4
Shipments by--		
Rail	693	5.8
Motor carrier	575	8.2
Private truck	119	13.2
All other	1	-
Shipments from--		
West South Central Division	102	29.4
Balance of United States	1,286	-
SHIPPER CLASS 132: GLASS CONTAINERS AND OTHER GLASS PRODUCTS		
Total shipments	12,751	10.6
Shipments by--		
Rail	2,072	9.6
Motor carrier	8,941	11.0
Private truck	1,711	16.6
All other	27	-
Shipments from--		
Middle Atlantic Division	3,626	18.4
East North Central Division	4,330	19.0
South Atlantic Division	1,759	22.8
East South Central Division	472	62.6
West South Central Division	1,291	35.8
Pacific Division	1,026	18.0
Balance of United States	247	-
SHIPPER CLASS 133: STRUCTURAL CLAY, POTTERY, AND RELATED PRODUCTS		
Total shipments	23,680	10.4
Shipments by--		
Rail	7,932	11.4
Motor carrier	7,907	12.2
Private truck	7,594	14.2
All other	247	-
SHIPPER CLASS 133: STRUCTURAL CLAY, POTTERY, AND RELATED PRODUCTS--Con.		
Shipments from--		
New England Division	260	62.6
Middle Atlantic Division	3,483	15.4
East North Central Division	6,087	19.4
West North Central Division	2,432	40.2
South Atlantic Division	5,219	32.6
East South Central Division	3,587	30.6
West South Central Division	1,692	35.2
Pacific Division	835	39.8
Balance of United States	85	-
SHIPPER CLASS 134: CONCRETE, GYPSUM, AND PLASTER		
Total shipments	31,273	11.2
Shipments by--		
Rail	12,994	18.6
Motor carrier	11,337	13.0
Private truck	6,666	18.4
All other	276	-
Shipments from--		
New England Division	926	48.0
Middle Atlantic Division	4,925	28.6
East North Central Division	6,251	32.8
West North Central Division	4,028	26.4
South Atlantic Division	6,441	28.6
West South Central Division	3,404	40.2
Mountain Division	1,156	67.2
Pacific Division	3,772	39.4
Balance of United States	370	-
SHIPPER CLASS 135: HYDRAULIC CEMENT; CUT STONE AND STONE PRODUCTS: ABRASIVES, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS		
Total shipments	65,221	16.6
Shipments by--		
Rail	24,292	22.6
Motor carrier	30,980	15.2
Private truck	7,702	29.6
All other	2,247	-
Shipments from--		
New England Division	523	36.2
Middle Atlantic Division	10,786	24.2
East North Central Division	19,448	34.4
West North Central Division	5,780	40.4
South Atlantic Division	6,973	33.2
East South Central Division	3,012	43.6
West South Central Division	5,692	33.0
Pacific Division	9,691	19.8
Balance of United States	3,316	-

TABLE 1. SHIPPER GROUP 13--Percent Distribution of Distance, by Means of Transport: 1967

Stone, Clay, and Glass Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	134,313	100.0	35.7	44.5	17.7	-	1.8	0.2	0.1
Under 50 miles	30,991	100.0	14.3	54.3	30.2	-	.7	.5	-
50 to 99 miles	31,952	100.0	22.8	57.2	19.0	-	.8	.1	.1
100 to 199 miles	32,366	100.0	38.7	42.9	17.0	-	1.3	-	.1
200 to 299 miles	14,484	100.0	53.4	31.4	10.0	-	5.2	-	-
300 to 399 miles	9,090	100.0	64.6	28.3	6.2	-	.8	-	.1
400 to 499 miles	4,992	100.0	62.3	29.0	7.5	-	1.1	-	.1
500 to 599 miles	3,151	100.0	74.0	21.8	4.1	-	-	.1	-
600 to 799 miles	3,317	100.0	68.5	25.8	5.5	-	.1	.1	-
800 to 999 miles	1,264	100.0	69.0	22.2	6.9	0.1	-	.3	1.5
1,000 to 1,199 miles	562	100.0	73.4	20.9	4.7	.1	-	.6	.3
1,200 to 1,499 miles	660	100.0	85.8	11.2	2.3	.1	.3	.3	-
1,500 to 1,999 miles	427	100.0	75.8	22.3	1.1	.1	.4	.3	-
2,000 miles and over	1,057	100.0	24.9	7.2	.3	.1	67.2	.3	-
	(millions of ton-miles)								
TON-MILES									
Total	26,287	100.0	52.1	30.9	9.7	-	7.1	.1	.1
Under 50 miles	885	100.0	15.0	53.4	30.6	-	.6	.3	.1
50 to 99 miles	2,290	100.0	22.7	57.2	19.2	-	.8	.1	-
100 to 199 miles	4,599	100.0	39.1	42.5	17.1	-	1.2	-	.1
200 to 299 miles	3,521	100.0	53.2	31.3	10.0	-	5.5	-	-
300 to 399 miles	3,114	100.0	64.6	28.3	6.2	-	.8	-	.1
400 to 499 miles	2,222	100.0	62.8	28.7	7.4	-	1.0	-	.1
500 to 599 miles	1,727	100.0	74.0	21.8	4.1	-	-	.1	-
600 to 799 miles	2,260	100.0	68.4	25.9	5.5	-	.1	.1	-
800 to 999 miles	1,125	100.0	69.4	22.2	6.6	.1	-	.3	1.4
1,000 to 1,199 miles	609	100.0	73.4	21.0	4.6	.1	-	.6	.3
1,200 to 1,499 miles	894	100.0	86.0	11.1	2.3	-	.3	.3	-
1,500 to 1,999 miles	743	100.0	76.3	21.8	1.1	.1	.4	.3	-
2,000 miles and over	2,298	100.0	25.1	7.7	.3	.1	66.4	.4	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 13--Percent Distribution of Weight, by Means of Transport: 1967

Stone, Clay, and Glass Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	119,205	100.0	35.1	45.1	18.3	1.5
Under 1,000 pounds	491	100.0	2.9	84.9	7.9	4.3
Under 50 pounds	19	100.0	7.8	54.6	3.4	34.2
50 to 99 pounds	23	100.0	3.5	81.5	6.1	8.9
100 to 199 pounds	67	100.0	4.7	86.5	4.9	3.9
200 to 499 pounds	184	100.0	2.7	86.8	7.3	3.2
500 to 999 pounds	198	100.0	1.9	85.7	10.2	2.2
1,000 to 9,999 pounds	2,498	100.0	6.6	58.3	32.4	2.7
1,000 to 1,999 pounds	299	100.0	2.7	77.8	17.3	2.2
2,000 to 2,999 pounds	266	100.0	3.0	70.0	23.1	3.9
3,000 to 3,999 pounds	231	100.0	3.1	59.2	34.5	3.2
4,000 to 4,999 pounds	249	100.0	3.9	58.1	35.7	2.3
5,000 to 9,999 pounds	1,453	100.0	9.0	52.3	36.2	2.5
10,000 to 29,999 pounds	15,582	100.0	4.6	56.0	38.6	.8
10,000 to 19,999 pounds	4,841	100.0	6.2	45.1	47.0	1.7
20,000 to 29,999 pounds	10,741	100.0	3.9	60.9	34.8	.4
30,000 to 59,999 pounds	48,796	100.0	5.2	71.9	22.6	.3
30,000 to 39,999 pounds	12,504	100.0	7.2	61.0	31.7	.1
40,000 to 49,999 pounds	25,568	100.0	3.1	77.8	18.8	.3
50,000 to 59,999 pounds	10,724	100.0	7.8	70.5	21.2	.5
60,000 to 89,999 pounds	8,281	100.0	65.8	27.4	6.3	.5
60,000 to 69,999 pounds	3,351	100.0	42.1	49.5	7.6	.8
70,000 to 79,999 pounds	1,675	100.0	80.3	10.1	9.4	.2
80,000 to 89,999 pounds	3,255	100.0	82.9	13.5	3.4	.2
90,000 pounds and over	43,557	100.0	75.5	13.4	7.8	3.3
TON-MILES	(millions of ton-miles)					
Total	22,865	100.0	50.1	32.6	10.1	7.2
Under 1,000 pounds	274	100.0	7.8	83.3	2.6	6.3
Under 50 pounds	10	100.0	19.8	40.6	1.3	38.3
50 to 99 pounds	14	100.0	10.9	77.7	1.8	9.6
100 to 199 pounds	41	100.0	12.7	80.8	1.6	4.9
200 to 499 pounds	108	100.0	7.6	84.6	2.6	5.2
500 to 999 pounds	101	100.0	4.2	88.2	3.3	4.3
1,000 to 9,999 pounds	786	100.0	12.5	69.0	16.2	2.3
1,000 to 1,999 pounds	139	100.0	6.9	82.1	7.8	3.2
2,000 to 2,999 pounds	102	100.0	6.1	82.5	8.7	2.7
3,000 to 3,999 pounds	79	100.0	6.7	75.2	15.3	2.8
4,000 to 4,999 pounds	76	100.0	5.9	70.3	21.2	2.6
5,000 to 9,999 pounds	390	100.0	18.6	59.4	20.3	1.7
10,000 to 29,999 pounds	2,766	100.0	14.5	59.3	25.2	1.0
10,000 to 19,999 pounds	867	100.0	21.2	47.2	30.4	1.2
20,000 to 29,999 pounds	1,899	100.0	11.5	64.9	22.8	.8
30,000 to 59,999 pounds	6,753	100.0	19.7	62.0	17.5	.8
30,000 to 39,999 pounds	2,280	100.0	19.2	60.1	20.4	.3
40,000 to 49,999 pounds	3,175	100.0	12.4	69.4	17.0	1.2
50,000 to 59,999 pounds	1,298	100.0	38.5	47.1	13.9	.5
60,000 to 89,999 pounds	2,411	100.0	86.2	12.1	1.5	.2
60,000 to 69,999 pounds	760	100.0	74.4	22.6	2.5	.5
70,000 to 79,999 pounds	602	100.0	90.9	7.0	1.9	.2
80,000 to 89,999 pounds	1,049	100.0	91.9	7.5	.5	.1
90,000 pounds and over	9,875	100.0	76.0	5.7	2.6	15.7

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 13--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Stone, Clay, and Glass Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	119,205	100.0	35.1	45.1	18.3	1.5
Under 200 miles	86,120	100.0	25.4	51.3	22.3	1.0
Under 1,000 pounds	144	100.0	.1	75.4	20.2	4.3
1,000 to 9,999 pounds	1,332	100.0	2.4	46.6	47.1	3.9
10,000 to 29,999 pounds	11,200	100.0	1.4	52.2	45.4	1.0
30,000 to 59,999 pounds	40,403	100.0	1.7	74.3	23.9	.1
60,000 to 89,999 pounds	4,512	100.0	43.8	44.5	11.1	.6
90,000 pounds and over	28,529	100.0	66.8	19.2	11.8	2.2
200 to 399 miles	20,270	100.0	58.7	31.5	9.3	.5
Under 1,000 pounds	117	100.0	1.3	91.3	4.5	2.9
1,000 to 9,999 pounds	526	100.0	6.6	73.0	19.7	.7
10,000 to 29,999 pounds	2,698	100.0	4.9	72.0	23.0	.1
30,000 to 59,999 pounds	5,396	100.0	12.4	66.4	20.3	.9
60,000 to 89,999 pounds	1,818	100.0	90.3	8.3	1.1	.3
90,000 pounds and over	9,715	100.0	96.8	2.3	.4	.5
400 to 599 miles	6,580	100.0	64.5	29.3	6.1	.1
Under 1,000 pounds	76	100.0	1.0	94.4	1.3	3.3
1,000 to 9,999 pounds	282	100.0	15.9	72.1	11.8	.2
10,000 to 29,999 pounds	924	100.0	18.5	61.8	19.6	.1
30,000 to 59,999 pounds	1,547	100.0	27.2	60.4	12.0	.4
60,000 to 89,999 pounds	912	100.0	93.6	6.1	.1	.2
90,000 pounds and over	2,839	100.0	96.7	3.3	-	-
600 to 999 miles	3,877	100.0	65.8	26.8	6.5	.9
Under 1,000 pounds	82	100.0	3.3	88.9	3.4	4.4
1,000 to 9,999 pounds	223	100.0	12.4	70.3	15.1	2.2
10,000 to 29,999 pounds	557	100.0	28.5	50.4	20.6	.5
30,000 to 59,999 pounds	1,036	100.0	47.4	43.0	9.2	.4
60,000 to 89,999 pounds	686	100.0	93.8	6.0	.1	.1
90,000 pounds and over	1,293	100.0	94.9	3.2	.4	1.5
1,000 miles and over	2,358	100.0	52.5	14.8	1.9	30.8
Under 1,000 pounds	72	100.0	12.4	78.9	1.1	7.6
1,000 to 9,999 pounds	136	100.0	18.3	69.3	8.1	4.3
10,000 to 29,999 pounds	203	100.0	49.4	38.9	8.0	3.7
30,000 to 59,999 pounds	413	100.0	68.8	23.4	4.3	3.5
60,000 to 89,999 pounds	353	100.0	96.8	3.2	-	-
90,000 pounds and over	1,181	100.0	40.4	1.0	-	58.6
TON-MILES	(millions of ton-miles)					
Total[1]	22,865	100.0	50.1	32.6	10.1	7.2
Under 200 miles	7,049	100.0	30.8	49.0	19.4	.8
Under 1,000 pounds	13	100.0	.2	85.0	11.4	3.4
1,000 to 9,999 pounds	106	100.0	3.4	58.9	36.4	1.3
10,000 to 29,999 pounds	853	100.0	2.0	57.7	39.7	.6
30,000 to 59,999 pounds	3,086	100.0	2.6	74.2	23.1	.1
60,000 to 89,999 pounds	411	100.0	49.8	42.6	7.1	.5
90,000 pounds and over	2,580	100.0	72.2	16.4	9.7	1.7
200 to 399 miles	5,709	100.0	59.5	31.1	8.9	.5
Under 1,000 pounds	35	100.0	1.3	91.2	4.7	2.8
1,000 to 9,999 pounds	152	100.0	7.2	72.6	19.5	.7
10,000 to 29,999 pounds	760	100.0	5.3	72.1	22.5	.1
30,000 to 59,999 pounds	1,490	100.0	13.2	66.3	19.7	.8
60,000 to 89,999 pounds	515	100.0	90.0	8.7	1.0	.3
90,000 pounds and over	2,757	100.0	97.2	2.0	.3	.5

See footnote at end of table.

TABLE 3. SHIPPER GROUP 13--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Stone, Clay, and Glass Products

Distance (straight-line miles) and weight of shipment (unexpanded pound)	Number	Percent distribution by means of transport[1]				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	3,202	100.0	65.5	28.5	5.9	0.1
Under 1,000 pounds	37	100.0	.9	94.3	1.3	3.5
1,000 to 9,999 pounds	137	100.0	16.2	71.9	11.7	.2
10,000 to 29,999 pounds	442	100.0	19.4	61.1	19.4	.1
30,000 to 59,999 pounds	738	100.0	28.0	60.1	11.6	.3
60,000 to 89,999 pounds	446	100.0	93.9	5.8	.1	.2
90,000 pounds and over	1,402	100.0	97.1	2.9	-	-
600 to 999 miles	2,868	100.0	65.9	26.6	6.5	1.0
Under 1,000 pounds	63	100.0	3.4	88.5	3.8	4.3
1,000 to 9,999 pounds	168	100.0	12.8	70.0	14.9	2.3
10,000 to 29,999 pounds	414	100.0	29.3	50.3	19.9	.5
30,000 to 59,999 pounds	782	100.0	49.2	41.2	9.2	.4
60,000 to 89,999 pounds	519	100.0	94.2	5.6	.1	.1
90,000 pounds and over	922	100.0	94.7	3.3	.3	1.7
1,000 miles and over	4,037	100.0	46.6	13.5	1.5	38.4
Under 1,000 pounds	126	100.0	14.5	75.2	.9	9.4
1,000 to 9,999 pounds	222	100.0	17.8	69.3	8.0	4.9
10,000 to 29,999 pounds	298	100.0	45.7	41.7	6.5	6.1
30,000 to 59,999 pounds	657	100.0	69.9	21.7	3.2	5.2
60,000 to 89,999 pounds	521	100.0	96.6	3.4	-	-
90,000 pounds and over	2,213	100.0	32.7	.6	-	66.7

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 13--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Stone, Clay, and Glass Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	134,313	100.0	35.7	44.5	17.7	-	1.8	0.2	0.1
New England	1,953	100.0	16.3	68.2	15.4	0.1	-	-	-
Middle Atlantic	22,988	100.0	25.3	65.5	8.2	-	.9	-	.1
East North Central	36,504	100.0	38.8	39.9	17.5	-	3.8	-	-
West North Central	12,403	100.0	63.8	26.8	9.1	-	-	-	.3
South Atlantic	20,735	100.0	38.5	42.2	18.3	-	-	.9	.1
East South Central	7,623	100.0	36.8	41.8	21.2	-	.1	.1	-
West South Central	12,180	100.0	30.5	47.2	21.5	-	.7	-	.1
Mountain	4,557	100.0	30.5	39.7	29.7	-	-	-	.1
Pacific[1]	15,370	100.0	25.3	39.0	30.7	-	5.0	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	26,287	100.0	52.1	30.9	9.7	-	7.1	.1	.1
New England	411	100.0	43.3	51.3	4.9	.2	.1	.2	-
Middle Atlantic	3,563	100.0	37.5	56.4	4.9	.1	.7	.2	.2
East North Central	6,941	100.0	58.4	27.9	9.6	-	4.0	.1	-
West North Central	2,907	100.0	78.2	17.0	4.3	-	-	-	.5
South Atlantic	3,738	100.0	59.1	31.3	9.2	-	.1	.3	-
East South Central	1,519	100.0	52.9	32.0	14.7	-	.2	.2	-
West South Central	2,836	100.0	49.0	32.9	17.1	-	.9	-	.1
Mountain	946	100.0	62.1	20.7	17.0	-	-	.1	.1
Pacific[1]	3,426	100.0	25.3	20.2	10.1	-	44.3	.1	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 13--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Stone, Clay, and Glass Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	134,313	134,313	4,889	19,412	37,448	10,302	20,109	9,644	11,886	4,607	16,016
Ton-miles.....millions..	26,287	26,287	1,055	3,188	5,878	2,217	3,481	2,915	3,208	1,098	3,247
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	134,313	100.0	3.6	14.5	27.9	7.7	15.0	7.2	8.8	3.4	11.9
Shipments from--											
New England.....	1,953	100.0	67.5	18.1	8.3	.7	2.1	.8	1.5	.1	.9
Middle Atlantic.....	22,988	100.0	11.7	61.1	16.3	.7	8.3	.6	.6	.1	.6
East North Central.....	36,504	100.0	1.3	8.2	77.9	3.5	3.5	3.4	1.5	.2	.5
West North Central.....	12,403	100.0	.2	2.2	22.3	60.8	1.7	6.4	4.5	.8	1.1
South Atlantic.....	20,735	100.0	1.5	7.4	6.7	.6	70.2	10.1	2.9	.1	.5
East South Central.....	7,623	100.0	.6	1.5	8.2	1.5	25.1	56.6	6.2	.1	.2
West South Central.....	12,180	100.0	-	.9	2.4	7.0	1.4	3.2	77.6	6.6	.9
Mountain.....	4,557	100.0	-	-	.2	2.9	-	-	.3	59.0	37.6
Pacific[2].....	15,370	100.0	-	.1	.3	.5	.1	4.4	.5	5.7	88.4
TON-MILES	(millions)										
U.S. total.....	26,287	100.0	4.0	12.1	22.4	8.4	13.2	11.1	12.2	4.2	12.4
Shipments from--											
New England.....	411	100.0	20.0	17.6	26.3	3.3	5.5	4.2	11.3	1.2	10.6
Middle Atlantic.....	3,563	100.0	13.0	36.0	19.8	3.7	10.5	2.4	4.7	1.3	8.6
East North Central.....	6,941	100.0	4.2	14.8	46.6	6.6	8.6	4.7	7.7	1.6	5.2
West North Central.....	2,907	100.0	.9	7.6	27.9	33.9	5.2	5.6	9.0	2.5	7.4
South Atlantic.....	3,738	100.0	3.8	9.3	13.2	2.4	43.4	10.3	10.8	.8	6.0
East South Central.....	1,519	100.0	2.4	4.4	14.1	3.7	36.2	24.1	12.3	.8	2.0
West South Central.....	2,836	100.0	-	4.8	7.8	10.4	5.0	5.2	52.8	8.7	5.3
Mountain.....	946	100.0	-	.1	.9	7.4	-	-	.9	33.6	57.1
Pacific[2].....	3,426	100.0	.3	.9	2.3	3.4	.8	41.6	2.9	7.5	40.3

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 13--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Stone, Clay, and Glass Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	134,313	100.0	35.7	44.5	17.7	-	1.8	0.2	0.1
Middle Atlantic, total	22,988	100.0	25.3	65.5	8.2	-	.9	-	.1
Shipments to--									
New England	2,696	100.0	29.6	68.1	2.3	-	-	-	-
Middle Atlantic	14,035	100.0	16.7	71.1	10.8	-	1.4	-	-
East North Central	3,737	100.0	46.6	50.8	2.6	-	-	-	-
South Atlantic	1,909	100.0	32.6	58.6	8.6	-	.1	.1	-
East North Central, total	36,504	100.0	38.8	39.9	17.5	-	3.8	-	-
Shipments to--									
Middle Atlantic	2,991	100.0	53.4	33.5	8.3	-	4.7	-	.1
East North Central	28,418	100.0	33.2	42.5	20.1	-	4.2	-	-
West North Central	1,277	100.0	50.6	35.3	10.1	-	4.0	-	-
South Atlantic	1,270	100.0	66.6	26.0	7.3	-	-	.1	-
East South Central	1,235	100.0	51.6	34.7	13.7	-	-	-	-
West North Central, total	12,403	100.0	63.8	26.8	9.1	-	-	-	.3
Shipments to--									
Middle Atlantic	272	100.0	72.6	20.1	1.9	-	-	-	5.4
East North Central	2,763	100.0	81.7	15.6	2.7	-	-	-	-
West North Central	7,552	100.0	52.0	34.4	13.3	-	-	-	.3
South Atlantic, total	20,735	100.0	38.5	42.2	18.3	-	-	.9	.1
Shipments to--									
Middle Atlantic	1,527	100.0	37.8	55.3	6.9	-	-	-	-
East North Central	1,393	100.0	55.3	38.1	5.5	-	-	.3	.8
South Atlantic	14,585	100.0	33.6	42.8	22.8	-	.1	.7	-
East South Central	2,088	100.0	42.7	42.3	11.5	-	-	3.5	-
West South Central, total	12,180	100.0	30.5	47.2	21.5	-	.7	-	.1
Shipments to--									
East North Central	294	100.0	75.8	17.9	6.3	-	-	-	-
West North Central	858	100.0	46.5	42.5	11.0	-	-	-	-
South Atlantic	165	100.0	69.3	24.1	6.6	-	-	-	-
East South Central	388	100.0	53.5	35.8	9.7	-	-	-	1.0
West South Central	9,460	100.0	24.2	49.4	25.3	-	.9	-	.2
Mountain	801	100.0	36.8	55.7	7.5	-	-	-	-
Pacific, total	15,370	100.0	25.3	39.0	30.7	-	5.0	-	-
Shipments to--									
East North Central	45	100.0	63.9	35.0	.9	0.1	-	.1	-
West North Central	78	100.0	94.5	4.3	1.1	-	-	.1	-
Mountain	874	100.0	39.4	46.8	13.8	-	-	-	-
Pacific	13,600	100.0	24.7	40.7	33.8	-	.8	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	26,287	100.0	52.1	30.9	9.7	-	7.1	.1	.1
Middle Atlantic, total	3,563	100.0	37.5	56.4	4.9	.1	.7	.2	.2
Shipments to--									
New England	464	100.0	32.7	64.7	2.6	-	-	-	-
Middle Atlantic	1,283	100.0	22.3	69.4	7.1	-	1.2	-	-
East North Central	707	100.0	45.8	51.4	2.7	-	-	.1	-
South Atlantic	373	100.0	41.6	51.1	6.7	-	.1	.5	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 13--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Stone, Clay, and Glass Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(millions of ton-miles)								
TON-MILES--Continued									
East North Central, total	6,941	100.0	58.4	27.9	9.6	-	4.0	0.1	-
Shipments to--									
Middle Atlantic	1,026	100.0	64.1	25.8	5.8	-	4.2	-	0.1
East North Central	3,235	100.0	44.9	33.6	14.9	-	6.6	-	-
West North Central	457	100.0	57.1	32.2	5.9	-	4.8	-	-
South Atlantic	599	100.0	71.4	21.9	6.6	-	-	.1	-
East South Central	325	100.0	63.5	27.0	9.5	-	-	-	-
West North Central, total	2,907	100.0	78.2	17.0	4.3	-	-	-	.5
Shipments to--									
Middle Atlantic	221	100.0	74.8	17.6	2.3	-	-	-	5.3
East North Central	811	100.0	86.2	12.3	1.5	-	-	-	-
West North Central	986	100.0	66.8	23.7	9.1	-	-	-	.4
South Atlantic, total	3,738	100.0	59.1	31.3	9.2	-	.1	.3	-
Shipments to--									
Middle Atlantic	349	100.0	47.6	46.5	5.9	-	-	-	-
East North Central	494	100.0	65.7	29.9	4.0	-	-	.2	.2
South Atlantic	1,619	100.0	50.0	34.5	15.2	-	.2	.1	-
East South Central	383	100.0	62.2	28.8	8.2	-	-	.8	-
West South Central, total	2,836	100.0	49.0	32.9	17.1	-	.9	-	.1
Shipments to--									
East North Central	222	100.0	80.1	13.7	6.2	-	-	-	-
West North Central	296	100.0	54.9	33.0	12.1	-	-	-	-
South Atlantic	141	100.0	70.2	23.8	6.0	-	-	-	-
East South Central	147	100.0	61.2	29.0	9.6	-	-	-	.2
West South Central	1,499	100.0	33.0	40.5	24.7	-	1.6	-	.2
Mountain	247	100.0	47.6	39.8	12.6	-	-	-	-
Pacific, total	3,426	100.0	25.3	20.2	10.1	-	44.3	.1	-
Shipments to--									
East North Central	79	100.0	64.0	35.0	.8	0.1	-	.1	-
West North Central	115	100.0	94.5	4.4	1.0	-	-	.1	-
Mountain	258	100.0	56.7	31.1	12.2	-	-	-	-
Pacific	1,379	100.0	31.2	39.3	22.0	-	7.5	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 13--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Stone, Clay, and Glass Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	134,313	36,933	78,002	19,378	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	26,287	6,126	14,576	5,585
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	35.7	28.7	39.9	32.3	52.1	55.7	52.1	47.8
Motor carrier.....	44.5	36.4	46.8	50.7	30.9	23.3	30.2	41.2
Private truck.....	17.7	33.8	12.1	9.5	9.7	20.3	6.9	5.3
Air.....	-	-	-	-	-	-	-	-
Water.....	1.8	.5	1.1	7.5	7.1	.4	10.5	5.5
Other.....	.2	.5	-	-	.1	.2	.1	.1
Unknown.....	.1	.1	.1	-	.1	.1	.2	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	46.8	53.9	49.5	23.0	12.1	15.0	13.8	4.3
100 to 199 miles.....	24.1	21.4	24.2	28.7	17.5	18.9	18.0	14.5
200 to 299 miles.....	10.8	9.2	10.0	16.8	13.4	13.5	12.9	14.5
300 to 399 miles.....	6.8	4.7	7.0	10.0	11.8	9.5	12.8	11.8
400 to 499 miles.....	3.7	4.1	2.6	7.4	8.5	11.0	6.3	11.4
500 to 999 miles.....	5.8	5.4	4.6	11.0	19.4	20.4	16.6	25.8
1,000 miles and over.....	2.0	1.3	2.1	3.1	17.3	11.7	19.6	17.7

Table 8. SHIPPER GROUP 13--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Stone, Clay, and Glass Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	61.9	50.9	85.5	88.2
Highway facilities	72.7	73.7	69.8	74.5
Rail and highway facilities	36.9	27.1	57.4	62.1
Air facilities	74.2	79.7	61.8	65.6
Rail, highway, and air facilities	27.0	21.2	38.1	47.9
Water facilities	18.1	19.3	13.1	28.9
Rail, highway, air, and water facilities	6.6	4.4	9.9	20.4

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 131--Percent Distribution of Distance, by Means of Transport: 1967

Flat Glass

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	1,388	100.0	50.0	41.4	8.6	-	-	-	-
Under 100 miles	128	100.0	28.7	59.3	12.0	-	-	-	-
100 to 199 miles	171	100.0	44.3	40.9	14.8	-	-	-	-
200 to 299 miles	279	100.0	39.8	50.3	9.7	-	-	-	0.2
300 to 399 miles	173	100.0	35.7	50.6	13.7	-	-	-	-
400 to 499 miles	246	100.0	50.0	46.0	4.0	-	-	-	-
500 to 599 miles	101	100.0	68.4	29.6	2.0	-	-	-	-
600 to 799 miles	163	100.0	67.4	26.6	6.0	-	-	-	-
800 miles and over	127	100.0	83.5	11.1	5.0	0.2	0.1	0.1	-
	(millions of ton-miles)								
TON-MILES									
Total	620	100.0	62.5	31.4	5.9	.1	.1	-	-
Under 100 miles	8	100.0	32.6	59.0	8.4	-	-	-	-
100 to 199 miles	25	100.0	43.5	42.6	13.9	-	-	-	-
200 to 299 miles	69	100.0	39.0	51.5	9.4	-	-	-	.1
300 to 399 miles	60	100.0	35.8	51.1	13.1	-	-	-	-
400 to 499 miles	111	100.0	50.0	46.0	4.0	-	-	-	-
500 to 599 miles	56	100.0	68.1	30.0	1.9	-	-	-	-
600 to 799 miles	111	100.0	67.5	26.4	6.1	-	-	-	-
800 miles and over	180	100.0	87.0	9.0	3.4	.3	.2	.1	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 131--Percent Distribution of Weight, by Means of Transport: 1967

Flat Glass

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,239	100.0	48.7	41.7	9.6	-
Under 1,000 pounds	5	100.0	1.1	92.2	5.0	1.7
Under 500 pounds	2	100.0	2.0	90.1	6.5	1.4
500 to 999 pounds	3	100.0	.3	96.0	3.2	.5
1,000 to 9,999 pounds	21	100.0	4.3	85.3	8.4	2.0
1,000 to 1,999 pounds	4	100.0	-	90.6	8.3	1.1
2,000 to 2,999 pounds	4	100.0	2.7	92.8	3.6	.9
3,000 to 3,999 pounds	2	100.0	1.6	88.8	9.6	-
4,000 to 4,999 pounds	3	100.0	-	89.8	1.6	8.6
5,000 to 9,999 pounds	8	100.0	9.3	77.0	12.6	1.1
10,000 to 29,999 pounds	58	100.0	7.9	63.0	29.0	.1
10,000 to 19,999 pounds	11	100.0	3.3	65.5	30.7	.5
20,000 to 29,999 pounds	47	100.0	9.0	62.4	28.6	-
30,000 to 59,999 pounds	587	100.0	12.5	70.4	17.0	.1
30,000 to 39,999 pounds	335	100.0	8.3	72.6	19.1	-
40,000 to 49,999 pounds	213	100.0	9.8	73.3	16.7	.2
50,000 to 59,999 pounds	39	100.0	62.7	36.6	.7	-
60,000 to 89,999 pounds	267	100.0	84.7	15.3	-	-
60,000 to 69,999 pounds	36	100.0	69.4	30.6	-	-
70,000 to 79,999 pounds	147	100.0	92.6	7.4	-	-
80,000 to 89,999 pounds	84	100.0	77.3	22.7	-	-
90,000 pounds and over	301	100.0	98.7	1.3	-	-
TON-MILES	(millions of ton-miles)					
Total	571	100.0	61.8	31.6	6.4	.2
Under 1,000 pounds	3	100.0	3.5	93.3	.9	2.3
Under 500 pounds	1	100.0	7.2	89.8	1.8	1:2
500 to 999 pounds	2	100.0	.4	97.4	.5	1.7
1,000 to 9,999 pounds	12	100.0	5.3	84.7	3.4	6.6
1,000 to 1,999 pounds	2	100.0	-	93.5	2.5	4.0
2,000 to 2,999 pounds	2	100.0	1.9	96.1	.5	1.5
3,000 to 3,999 pounds	1	100.0	1.5	97.3	1.2	-
4,000 to 4,999 pounds	2	100.0	-	62.5	.3	37.2
5,000 to 9,999 pounds	5	100.0	10.7	80.3	6.2	2.8
10,000 to 29,999 pounds	21	100.0	12.6	60.1	26.6	.7
10,000 to 19,999 pounds	4	100.0	5.4	61.6	29.5	3.5
20,000 to 29,999 pounds	17	100.0	14.4	59.7	25.9	-
30,000 to 59,999 pounds	211	100.0	22.5	63.0	14.5	-
30,000 to 39,999 pounds	115	100.0	14.9	66.9	18.2	-
40,000 to 49,999 pounds	76	100.0	19.3	68.0	12.6	.1
50,000 to 59,999 pounds	20	100.0	77.3	22.4	.3	-
60,000 to 89,999 pounds	156	100.0	88.0	12.0	-	-
60,000 to 69,999 pounds	19	100.0	79.1	20.9	-	-
70,000 to 79,999 pounds	89	100.0	94.5	5.5	-	-
80,000 to 89,999 pounds	48	100.0	79.5	20.5	-	-
90,000 pounds and over	168	100.0	98.3	1.7	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 131--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Flat Glass

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON OF SHIPMENTS	(thousands of tons)					
Total[1]	1,239	100.0	48.7	41.7	9.6	-
Under 200 miles	235	100.0	30.3	52.4	17.3	-
Under 1,000 pounds	1	100.0	-	76.5	22.3	1.2
1,000 to 9,999 pounds	4	100.0	4.7	67.0	28.3	-
10,000 to 29,999 pounds	18	100.0	.5	63.8	35.7	-
30,000 to 59,999 pounds	141	100.0	2.1	74.5	23.4	-
60,000 to 89,999 pounds	26	100.0	87.8	12.2	-	-
90,000 pounds and over	45	100.0	99.5	.5	-	-
200 to 399 miles	414	100.0	38.5	49.2	12.2	.1
Under 1,000 pounds	1	100.0	-	99.6	.1	.3
1,000 to 9,999 pounds	5	100.0	1.5	91.5	7.0	-
10,000 to 29,999 pounds	17	100.0	10.1	58.7	31.2	-
30,000 to 59,999 pounds	244	100.0	6.4	75.0	18.4	.2
60,000 to 89,999 pounds	60	100.0	94.4	5.6	-	-
90,000 pounds and over	87	100.0	97.1	2.9	-	-
400 to 599 miles	312	100.0	53.1	43.1	3.8	-
Under 1,000 pounds	1	100.0	-	94.0	2.1	3.9
1,000 to 9,999 pounds	5	100.0	8.2	91.4	.4	-
10,000 to 29,999 pounds	16	100.0	3.1	76.8	20.1	-
30,000 to 59,999 pounds	120	100.0	18.7	74.2	7.1	-
60,000 to 89,999 pounds	91	100.0	69.6	30.4	-	-
90,000 pounds and over	79	100.0	100.0	-	-	-
600 to 999 miles	195	100.0	67.6	25.3	7.0	.1
Under 1,000 pounds	1	100.0	1.1	97.9	-	1.0
1,000 to 9,999 pounds	4	100.0	1.4	87.5	8.6	2.5
10,000 to 29,999 pounds	7	100.0	32.4	46.4	21.2	-
30,000 to 59,999 pounds	67	100.0	30.2	52.0	17.8	-
60,000 to 89,999 pounds	61	100.0	88.8	11.2	-	-
90,000 pounds and over	55	100.0	100.0	-	-	-
1,000 miles and over	83	100.0	89.2	7.6	2.8	.4
Under 1,000 pounds	1	100.0	5.5	92.6	-	1.9
1,000 to 9,999 pounds	3	100.0	5.5	85.0	-	9.5
10,000 to 29,999 pounds	1	100.0	25.4	.7	68.0	5.9
30,000 to 59,999 pounds	15	100.0	77.8	10.4	11.8	-
60,000 to 89,999 pounds	29	100.0	100.0	-	-	-
90,000 pounds and over	34	100.0	96.3	3.7	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	571	100.0	61.8	31.6	6.4	.2
Under 200 miles	26	100.0	34.0	50.3	15.7	-
Under 1,000 pounds	-	-	-	-	-	-
1,000 to 9,999 pounds	-	-	-	-	-	-
10,000 to 29,999 pounds	2	100.0	.4	62.8	36.8	-
30,000 to 59,999 pounds	15	100.0	3.2	74.4	22.4	-
60,000 to 89,999 pounds	4	100.0	87.4	12.6	-	-
90,000 pounds and over	5	100.0	99.3	.7	-	-
200 to 399 miles	118	100.0	38.1	49.7	12.1	.1
Under 1,000 pounds	-	-	-	-	-	-
1,000 to 9,999 pounds	2	100.0	1.3	91.5	7.2	-
10,000 to 29,999 pounds	5	100.0	10.4	58.1	31.5	-
30,000 to 59,999 pounds	70	100.0	6.8	75.1	18.0	.1
60,000 to 89,999 pounds	17	100.0	94.1	5.9	-	-
90,000 pounds and over	24	100.0	97.0	3.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 131--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Flat Glass

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	149	100.0	53.5	42.8	3.7	-
Under 1,000 pounds	1	100.0	-	94.4	1.9	3.7
1,000 to 9,999 pounds	2	100.0	7.7	91.9	.4	-
10,000 to 29,999 pounds	8	100.0	3.4	77.3	19.3	-
30,000 to 59,999 pounds	58	100.0	19.4	73.7	6.9	-
60,000 to 89,999 pounds	42	100.0	70.2	29.8	-	-
90,000 pounds and over	38	100.0	100.0	-	-	-
600 to 999 miles	140	100.0	67.5	25.0	7.4	.1
Under 1,000 pounds	1	100.0	1.2	97.7	-	1.1
1,000 to 9,999 pounds	3	100.0	1.6	86.8	8.3	3.3
10,000 to 29,999 pounds	5	100.0	29.9	47.6	22.5	-
30,000 to 59,999 pounds	49	100.0	31.3	50.4	18.3	-
60,000 to 89,999 pounds	44	100.0	89.7	10.3	-	-
90,000 pounds and over	38	100.0	100.0	-	-	-
1,000 miles and over	138	100.0	90.6	6.9	1.8	.7
Under 1,000 pounds	2	100.0	7.4	89.3	-	3.3
1,000 to 9,999 pounds	5	100.0	7.3	78.6	-	14.1
10,000 to 29,999 pounds	1	100.0	25.2	.7	59.9	14.2
30,000 to 59,999 pounds	20	100.0	79.3	11.4	9.3	-
60,000 to 89,999 pounds	48	100.0	100.0	-	-	-
90,000 pounds and over	62	100.0	96.7	3.3	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 131--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Flat Glass

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,388	100.0	50.0	41.4	8.6	-	-	-	-
West South Central	102	100.0	61.7	23.9	14.4	-	-	-	-
Balance of United States[1]	1,286	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	620	100.0	62.5	31.4	5.9	0.1	0.1	-	-
West South Central	61	100.0	73.3	15.7	11.0	-	-	-	-
Balance of United States[1]	559	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 131--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Flat Glass

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,388	1,388	44	262	582	88	180	42	85	18	87
Ton-miles.....millions..	620	620	22	109	165	47	79	15	61	20	102
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,388	100.0	3.2	18.9	42.0	6.3	12.9	3.0	6.1	1.3	6.3
Shipments from--											
West South Central	102	100.0	-	-	15.1	34.0	5.8	6.6	24.1	5.3	9.1
Balance of U.S.[2]	1,286	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	620	100.0	3.6	17.6	26.6	7.6	12.8	2.3	9.8	3.3	16.4
Shipments from--											
West South Central	61	100.0	-	-	15.6	30.3	7.8	3.8	9.3	8.0	25.2
Balance of U.S.[2]	559	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 131--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Flat Glass

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,388	100.0	50.0	41.4	8.6	-	-	-	-
West South Central, total	102	100.0	61.7	23.9	14.4	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	620	100.0	62.5	31.4	5.9	0.1	0.1	-	-
West South Central, total	61	100.0	73.3	15.7	11.0	-	-	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 131--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Flat Glass

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,388	16	145	1,227	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	620	10	54	556
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail	50.0	(1)	33.7	52.4	62.5	(1)	42.1	65.4
Motor carrier	41.4	(1)	51.0	39.7	31.4	(1)	39.9	29.6
Private truck	8.6	(1)	16.3	7.9	5.9	(1)	17.8	4.9
Air	-	(1)	-	-	.1	(1)	-	.1
Water	-	(1)	-	-	.1	(1)	-	-
Other	-	(1)	-	-	-	(1)	.2	-
Unknown	-	(1)	-	-	-	(1)	-	-
DISTANCE OF SHIPMENT								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles	9.2	(1)	11.2	9.0	1.2	(1)	1.3	1.2
100 to 199 miles	12.3	(1)	11.6	12.5	4.1	(1)	4.6	4.1
200 to 299 miles	20.1	(1)	14.4	21.0	11.1	(1)	9.4	11.5
300 to 399 miles	12.4	(1)	34.4	9.7	9.6	(1)	31.8	7.4
400 to 499 miles	17.7	(1)	10.8	18.6	17.9	(1)	13.1	18.6
500 to 999 miles	21.7	(1)	13.3	22.5	32.2	(1)	23.7	32.7
1,000 miles and over	6.6	(1)	4.3	6.7	23.9	(1)	16.1	24.5

[1]Not distributed.

Table 8. SHIPPER CLASS 131--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Flat Glass

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	100.0	100.0	100.0	100.0
Highway facilities	54.0	33.3	29.9	76.5
Rail and highway facilities	54.0	33.3	29.9	76.5
Air facilities	79.5	100.0	100.0	58.8
Rail, highway, and air facilities	36.5	33.3	29.9	41.2
Water facilities	14.6	-	13.4	23.5
Rail, highway, air, and water facilities	8.8	-	13.4	11.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. None of the plants reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 132--Percent Distribution of Distance, by Means of Transport: 1967

Glass Containers and Other Glass Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	12,751	100.0	16.3	70.2	13.4	-	0.1	-	-
Under 50 miles	1,343	100.0	6.5	69.2	24.3	-	-	-	-
50 to 99 miles	1,593	100.0	7.1	71.1	21.8	-	-	-	-
100 to 199 miles	3,567	100.0	11.4	73.9	14.7	-	-	-	-
200 to 299 miles	2,256	100.0	9.9	78.7	11.0	-	.4	-	-
300 to 399 miles	1,567	100.0	16.6	76.0	7.4	-	-	-	-
400 to 499 miles	1,045	100.0	30.1	60.7	8.8	-	.2	-	0.2
500 to 599 miles	392	100.0	32.8	61.1	6.1	-	-	-	-
600 to 799 miles	444	100.0	36.1	60.5	3.2	-	-	0.2	-
800 to 999 miles	236	100.0	64.8	27.7	7.3	-	-	.2	-
1,000 to 1,499 miles	101	100.0	58.9	37.7	1.6	0.3	.2	1.3	-
1,500 to 1,999 miles	88	100.0	78.5	20.4	.5	-	-	.6	-
2,000 miles and over	119	100.0	79.7	14.8	.4	.1	4.3	.7	-
	(millions of ton-miles)								
TON-MILES									
Total	3,493	100.0	30.8	60.1	8.4	-	.5	.2	-
Under 50 miles	39	100.0	6.2	68.1	25.7	-	-	-	-
50 to 99 miles	122	100.0	7.6	70.4	22.0	-	-	-	-
100 to 199 miles	526	100.0	11.6	73.4	15.0	-	-	-	-
200 to 299 miles	549	100.0	10.0	78.8	10.7	-	.5	-	-
300 to 399 miles	530	100.0	16.8	75.6	7.6	-	-	-	-
400 to 499 miles	462	100.0	31.1	59.9	8.6	-	.2	-	.2
500 to 599 miles	214	100.0	33.1	60.9	6.0	-	-	-	-
600 to 799 miles	303	100.0	36.6	60.0	3.2	-	-	.2	-
800 to 999 miles	208	100.0	64.8	27.9	7.1	-	-	.2	-
1,000 to 1,499 miles	118	100.0	57.2	39.5	1.4	.3	.3	1.3	-
1,500 to 1,999 miles	161	100.0	79.3	19.6	.5	-	-	.6	-
2,000 miles and over	261	100.0	78.9	14.7	.4	.1	4.9	1.0	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 132--Percent Distribution of Weight, by Means of Transport: 1967

Glass Containers and Other Glass Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	11,318	100.0	15.5	70.7	13.7	0.1
Under 1,000 pounds	118	100.0	8.9	85.4	2.2	3.5
Under 50 pounds	7	100.0	17.8	64.5	1.1	16.6
50 to 99 pounds	4	100.0	13.7	76.2	4.2	5.9
100 to 199 pounds	19	100.0	13.8	80.5	2.2	3.5
200 to 499 pounds	46	100.0	9.1	86.9	1.8	2.2
500 to 999 pounds	42	100.0	4.5	90.5	2.7	2.3
1,000 to 9,999 pounds	312	100.0	5.2	78.8	15.6	.4
1,000 to 1,999 pounds	58	100.0	8.6	85.3	5.3	.8
2,000 to 2,999 pounds	37	100.0	9.3	83.3	7.1	.3
3,000 to 3,999 pounds	27	100.0	4.2	87.4	8.4	-
4,000 to 4,999 pounds	22	100.0	3.8	83.0	13.1	.1
5,000 to 9,999 pounds	168	100.0	3.5	73.6	22.5	.4
10,000 to 29,999 pounds	5,698	100.0	2.8	78.7	18.4	.1
10,000 to 19,999 pounds	866	100.0	2.5	63.5	33.7	.3
20,000 to 29,999 pounds	4,832	100.0	2.8	81.5	15.6	.1
30,000 to 59,999 pounds	4,700	100.0	25.9	64.6	9.4	.1
30,000 to 39,999 pounds	3,343	100.0	17.6	71.0	11.3	.1
40,000 to 49,999 pounds	999	100.0	37.8	55.3	6.5	.4
50,000 to 59,999 pounds	358	100.0	70.4	28.6	.2	.8
60,000 to 89,999 pounds	387	100.0	84.2	12.1	2.3	1.4
60,000 to 69,999 pounds	159	100.0	84.8	13.2	-	2.0
70,000 to 79,999 pounds	186	100.0	88.4	10.4	-	1.2
80,000 to 89,999 pounds	42	100.0	64.6	14.9	20.5	-
90,000 pounds and over	103	100.0	27.7	72.3	-	-
	(millions of ton-miles)					
TON-MILES						
Total	3,110	100.0	29.2	61.4	8.7	.7
Under 1,000 pounds	80	100.0	20.8	71.3	.8	7.1
Under 50 pounds	4	100.0	45.0	30.8	.2	24.0
50 to 99 pounds	3	100.0	35.0	58.4	1.1	5.5
100 to 199 pounds	13	100.0	32.3	63.5	.5	3.7
200 to 499 pounds	35	100.0	20.1	71.5	.7	7.7
500 to 999 pounds	25	100.0	9.9	83.4	1.1	5.6
1,000 to 9,999 pounds	127	100.0	15.8	75.5	7.6	1.1
1,000 to 1,999 pounds	35	100.0	21.8	71.9	4.0	2.3
2,000 to 2,999 pounds	20	100.0	17.2	79.6	2.8	.4
3,000 to 3,999 pounds	12	100.0	13.7	82.8	3.5	-
4,000 to 4,999 pounds	12	100.0	4.2	90.6	5.1	.1
5,000 to 9,999 pounds	48	100.0	14.1	70.9	13.9	1.1
10,000 to 29,999 pounds	1,175	100.0	6.7	78.5	14.2	.6
10,000 to 19,999 pounds	176	100.0	11.4	66.3	20.8	1.5
20,000 to 29,999 pounds	999	100.0	5.9	80.6	13.1	.4
30,000 to 59,999 pounds	1,537	100.0	41.4	52.1	6.0	.5
30,000 to 39,999 pounds	921	100.0	26.0	65.3	8.2	.5
40,000 to 49,999 pounds	352	100.0	49.3	45.7	4.5	.5
50,000 to 59,999 pounds	264	100.0	84.4	15.3	-	.3
60,000 to 89,999 pounds	167	100.0	90.7	7.9	.3	1.1
60,000 to 69,999 pounds	72	100.0	93.0	5.8	-	1.2
70,000 to 79,999 pounds	88	100.0	89.7	9.1	-	1.2
80,000 to 89,999 pounds	7	100.0	78.6	14.8	6.6	-
90,000 pounds and over	24	100.0	25.6	74.4	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 132--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Glass Containers and Other Glass Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	11,318	100.0	15.5	70.7	13.7	0.1
Under 200 miles	5,728	100.0	9.0	72.1	18.9	-
Under 1,000 pounds	21	100.0	.3	87.7	8.9	3.1
1,000 to 9,999 pounds	135	100.0	.1	74.9	25.0	-
10,000 to 29,999 pounds	3,480	100.0	1.3	76.5	22.2	-
30,000 to 59,999 pounds	1,945	100.0	18.6	67.6	13.8	-
60,000 to 89,999 pounds	124	100.0	74.6	18.3	7.1	-
90,000 pounds and over	23	100.0	55.1	44.9	-	-
200 to 399 miles	3,436	100.0	12.1	77.9	9.7	.3
Under 1,000 pounds	34	100.0	3.3	94.1	1.0	1.6
1,000 to 9,999 pounds	75	100.0	2.2	87.0	10.6	.2
10,000 to 29,999 pounds	1,622	100.0	1.8	84.6	13.5	.1
30,000 to 59,999 pounds	1,581	100.0	21.0	72.0	6.7	.3
60,000 to 89,999 pounds	57	100.0	69.3	25.1	-	5.6
90,000 pounds and over	67	100.0	17.5	82.5	-	-
400 to 599 miles	1,258	100.0	28.6	62.9	8.1	.4
Under 1,000 pounds	22	100.0	1.6	96.2	.8	1.4
1,000 to 9,999 pounds	46	100.0	6.3	81.6	11.8	.3
10,000 to 29,999 pounds	423	100.0	9.3	79.9	10.8	-
30,000 to 59,999 pounds	614	100.0	28.2	63.1	8.3	.4
60,000 to 89,999 pounds	143	100.0	98.4		-	1.6
90,000 pounds and over	10	100.0	35.3	64.7	-	-
600 to 999 miles	633	100.0	45.2	50.1	4.5	.2
Under 1,000 pounds	19	100.0	9.7	86.2	1.0	3.1
1,000 to 9,999 pounds	30	100.0	9.0	87.0	2.6	1.4
10,000 to 29,999 pounds	135	100.0	19.0	73.0	7.7	.3
30,000 to 59,999 pounds	399	100.0	54.5	41.1	4.4	-
60,000 to 89,999 pounds	49	100.0	79.6	20.4	-	-
90,000 pounds and over	1	100.0	-	100.0	-	-
1,000 miles and over	263	100.0	69.1	27.3	.9	2.7
Under 1,000 pounds	22	100.0	32.5	58.3	.4	8.8
1,000 to 9,999 pounds	26	100.0	33.4	61.8	3.1	1.7
10,000 to 29,999 pounds	37	100.0	41.4	50.2	-	8.4
30,000 to 59,999 pounds	162	100.0	83.0	14.9	1.0	1.1
60,000 to 89,999 pounds	16	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	3,110	100.0	29.2	61.4	8.7	.7
Under 200 miles	617	100.0	10.1	72.6	17.3	-
Under 1,000 pounds	2	100.0	.3	91.0	5.4	3.3
1,000 to 9,999 pounds	15	100.0	.1	83.8	16.1	-
10,000 to 29,999 pounds	366	100.0	1.4	76.9	21.6	.1
30,000 to 59,999 pounds	219	100.0	21.3	67.5	11.2	-
60,000 to 89,999 pounds	13	100.0	76.9	19.3	3.8	-
90,000 pounds and over	2	100.0	29.3	70.7	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 132--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Glass Containers and Other Glass Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
200 to 399 miles	970	100.0	12.9	77.4	9.4	0.3
Under 1,000 pounds	10	100.0	3.2	94.0	1.0	1.8
1,000 to 9,999 pounds	22	100.0	2.5	86.8	10.5	.2
10,000 to 29,999 pounds	452	100.0	2.1	84.7	13.1	.1
30,000 to 59,999 pounds	451	100.0	21.8	71.4	6.5	.3
60,000 to 89,999 pounds	18	100.0	72.2	22.8	-	5.0
90,000 pounds and over	17	100.0	22.5	77.5	-	-
400 to 599 miles	592	100.0	29.2	62.6	7.8	.4
Under 1,000 pounds	11	100.0	1.6	96.1	1.0	1.3
1,000 to 9,999 pounds	22	100.0	6.1	82.2	11.5	.2
10,000 to 29,999 pounds	198	100.0	9.7	79.4	10.9	-
30,000 to 59,999 pounds	289	100.0	29.1	62.9	7.7	.3
60,000 to 89,999 pounds	67	100.0	98.5	-	-	1.5
90,000 pounds and over	5	100.0	41.0	59.0	-	-
600 to 999 miles	475	100.0	47.3	47.8	4.7	.2
Under 1,000 pounds	15	100.0	10.5	85.5	1.1	2.9
1,000 to 9,999 pounds	22	100.0	9.4	86.7	2.6	1.3
10,000 to 29,999 pounds	97	100.0	19.1	72.5	7.9	.5
30,000 to 59,999 pounds	302	100.0	56.8	38.6	4.6	-
60,000 to 89,999 pounds	38	100.0	82.2	17.8	-	-
90,000 pounds and over	1	100.0	-	100.0	-	-
1,000 miles and over	456	100.0	70.8	24.8	.8	3.6
Under 1,000 pounds	42	100.0	34.8	53.4	.3	11.5
1,000 to 9,999 pounds	45	100.0	35.6	58.3	3.8	2.3
10,000 to 29,999 pounds	62	100.0	42.3	48.1	-	9.6
30,000 to 59,999 pounds	275	100.0	85.3	12.5	.6	1.6
60,000 to 89,999 pounds	32	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 132--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Glass Containers and Other Glass Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,751	100.0	16.3	70.2	13.4	-	0.1	-	-
Middle Atlantic	3,626	100.0	11.1	82.4	6.5	-	-	-	-
East North Central	4,330	100.0	26.0	66.3	7.5	-	-	0.1	0.1
South Atlantic	1,759	100.0	17.1	65.0	17.3	-	.6	-	-
East South Central	472	100.0	3.5	84.6	11.4	-	.5	-	-
West South Central	1,291	100.0	8.9	52.5	38.6	-	-	-	-
Pacific[1]	1,026	100.0	8.5	67.9	23.1	-	.5	-	-
Balance of United States[2]	247	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	3,493	100.0	30.8	60.1	8.4	-	.5	.2	-
Middle Atlantic	847	100.0	23.4	72.2	4.0	0.1	.1	.2	-
East North Central	1,265	100.0	46.5	49.7	3.5	-	-	.2	.1
South Atlantic	604	100.0	26.1	61.3	11.7	-	.5	.4	-
East South Central	169	100.0	2.3	88.9	8.2	-	.6	-	-
West South Central	360	100.0	15.2	53.4	31.4	-	-	-	-
Pacific[1]	204	100.0	28.6	57.8	7.5	.1	6.0	-	-
Balance of United States[2]	44	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 132--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Glass Containers and Other Glass Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	12,751	12,751	682	3,170	3,649	788	1,167	768	1,177	224	1,126
Ton-miles.....millions..	3,493	3,493	198	661	731	285	320	200	392	178	528
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	12,751	100.0	5.3	24.9	28.7	6.2	9.1	6.0	9.2	1.8	8.8
Shipments from--											
Middle Atlantic.....	3,626	100.0	8.8	62.6	12.8	1.2	11.7	1.2	.4	.1	1.2
East North Central.....	4,330	100.0	1.0	11.2	62.2	10.3	3.1	5.6	3.4	1.0	2.2
South Atlantic.....	1,759	100.0	6.4	20.4	22.6	1.7	28.0	15.8	2.9	.4	1.8
East South Central.....	472	100.0	3.1	4.4	9.6	3.0	23.1	28.7	27.3	.8	-
West South Central.....	1,291	100.0	-	.2	3.3	19.7	.2	5.1	64.5	6.3	.7
Pacific[2].....	1,026	100.0	-	-	.1	.1	-	-	-	8.2	91.6
Balance of U.S.[3].....	247	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	3,493	100.0	5.7	18.9	20.9	8.2	9.2	5.7	11.2	5.1	15.1
Shipments from--											
Middle Atlantic.....	847	100.0	11.5	38.4	18.9	4.0	9.9	2.7	1.8	.7	12.1
East North Central.....	1,265	100.0	2.2	16.1	32.6	11.5	5.7	5.0	7.8	4.2	14.9
South Atlantic.....	604	100.0	7.8	18.2	17.4	4.0	20.6	11.0	7.8	1.7	11.5
East South Central.....	169	100.0	7.6	7.8	12.3	6.2	20.4	13.1	29.9	2.7	-
West South Central.....	360	100.0	-	.7	6.7	19.5	.5	6.4	48.3	14.4	3.5
Pacific[2].....	204	100.0	.5	-	.7	.5	-	-	-	25.7	72.6
Balance of U.S.[3].....	44	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 132--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Glass Containers and Other Glass Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,751	100.0	16.3	70.2	13.4	-	0.1	-	-
Middle Atlantic, total	3,626	100.0	11.1	82.4	6.5	-	-	-	-
Shipments to--									
New England	321	100.0	16.3	78.8	4.9	-	-	-	-
Middle Atlantic	2,270	100.0	8.3	85.4	6.3	-	-	-	-
East North Central	464	100.0	11.6	82.3	6.0	-	-	0.1	-
South Atlantic	423	100.0	10.5	80.3	9.2	-	-	-	-
East North Central, total	4,330	100.0	26.0	66.3	7.5	-	-	.1	0.1
Shipments to--									
Middle Atlantic	485	100.0	45.1	50.1	4.3	-	-	-	.5
East North Central	2,691	100.0	15.1	75.6	9.3	-	-	-	-
West North Central	444	100.0	35.6	63.0	1.4	-	-	-	-
South Atlantic	134	100.0	51.0	48.0	.5	-	-	.5	-
East South Central	245	100.0	19.6	63.3	17.1	-	-	-	-
South Atlantic, total	1,759	100.0	17.1	65.0	17.3	-	.6	-	-
Shipments to--									
Middle Atlantic	359	100.0	11.9	70.5	17.6	-	-	-	-
East North Central	398	100.0	17.1	69.0	13.9	-	-	-	-
South Atlantic	493	100.0	17.1	55.2	25.7	-	2.0	-	-
West South Central, total	1,291	100.0	8.9	52.5	38.6	-	-	-	-
Shipments to--									
West South Central	832	100.0	6.0	46.8	47.2	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	3,493	100.0	30.8	60.1	8.4	-	.5	.2	-
Middle Atlantic, total	847	100.0	23.4	72.2	4.0	0.1	.1	.2	-
Shipments to--									
New England	97	100.0	16.5	80.1	3.4	-	-	-	-
Middle Atlantic	325	100.0	9.2	86.9	3.9	-	-	-	-
East North Central	160	100.0	15.1	81.9	2.8	-	-	.2	-
South Atlantic	84	100.0	20.2	72.2	7.4	.1	-	.1	-
East North Central, total	1,265	100.0	46.5	49.7	3.5	-	-	.2	.1
Shipments to--									
Middle Atlantic	203	100.0	51.7	43.8	4.0	-	-	-	.5
East North Central	414	100.0	51.3	78.7	6.0	-	-	-	-
West North Central	145	100.0	46.0	52.9	1.1	-	-	-	-
South Atlantic	73	100.0	57.9	40.8	.4	-	-	.9	-
East South Central	63	100.0	25.7	62.6	11.7	-	-	-	-
South Atlantic, total	604	100.0	26.1	61.3	11.7	-	.5	.4	-
Shipments to--									
Middle Atlantic	110	100.0	14.8	73.7	11.5	-	-	-	-
East North Central	105	100.0	17.1	71.7	11.2	-	-	-	-
South Atlantic	125	100.0	23.6	51.7	22.5	-	2.2	-	-
West South Central, total	360	100.0	15.2	53.4	31.4	-	-	-	-
Shipments to--									
West South Central	174	100.0	5.8	51.4	42.8	-	-	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 132--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Glass Containers and Other Glass Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	12,751	82	3,478	9,191	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	3,493	42	903	2,548
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	16.3	(1)	7.5	19.6	30.8	(1)	16.2	36.0
Motor carrier.....	70.2	(1)	71.6	69.4	60.1	(1)	69.9	56.5
Private truck.....	13.4	(1)	20.7	10.8	8.4	(1)	13.5	6.8
Air.....	-	(1)	-	-	-	(1)	.1	-
Water.....	.1	(1)	.1	.2	.5	(1)	.1	.6
Other.....	-	(1)	.1	-	.2	(1)	.2	.1
Unknown.....	-	(1)	-	-	-	(1)	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	23.0	(1)	25.9	22.1	4.6	(1)	4.7	4.6
100 to 199 miles.....	28.0	(1)	22.0	30.1	15.1	(1)	12.8	15.8
200 to 299 miles.....	17.7	(1)	19.5	17.1	15.7	(1)	18.0	15.1
300 to 399 miles.....	12.3	(1)	14.7	11.4	15.2	(1)	19.2	13.9
400 to 499 miles.....	8.2	(1)	9.5	7.7	13.2	(1)	15.9	12.5
500 to 999 miles.....	8.4	(1)	6.5	9.1	20.7	(1)	16.0	22.6
1,000 miles and over.....	2.4	(1)	1.9	2.5	15.5	(1)	13.4	15.5

[1]Not distributed

Table 8. SHIPPER CLASS 132--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Glass Containers and Other Glass Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	50.5	40.0	81.9	83.8
Highway facilities	59.1	60.0	46.2	78.4
Rail and highway facilities	10.9	-	35.7	62.2
Air facilities	90.3	100.0	60.5	61.5
Rail, highway, and air facilities	7.6	-	23.5	47.3
Water facilities	32.8	40.0	7.6	17.6
Rail, highway, air, and water facilities	2.1	-	5.3	14.9

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 133 --Percent Distribution of Distance, by Means of Transport: 1967

Structural Clay, Pottery, and Related Products

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	23,680	100.0	33.5	33.4	32.1	-	0.9	-	0.1
Under 50 miles	3,944	100.0	1.0	42.0	57.0	-	-	-	-
50 to 99 miles	4,827	100.0	6.6	42.7	46.5	-	4.1	-	.1
100 to 199 miles	5,441	100.0	20.3	41.1	38.2	-	.1	-	.3
200 to 299 miles	3,314	100.0	59.2	25.1	15.7	-	-	-	-
300 to 399 miles	2,141	100.0	70.6	20.2	9.2	-	-	-	-
400 to 499 miles	1,188	100.0	72.9	20.1	7.0	-	-	-	-
500 to 599 miles	815	100.0	77.9	16.5	5.6	-	-	-	-
600 to 799 miles	1,101	100.0	78.2	12.5	8.9	-	.2	0.1	.1
800 to 999 miles	386	100.0	66.7	21.3	11.4	0.1	-	.5	-
1,000 to 1,199 miles	148	100.0	62.7	24.1	11.3	-	.1	.5	1.3
1,200 to 1,499 miles	140	100.0	82.6	10.9	5.3	.1	-	1.1	-
1,500 to 1,999 miles	117	100.0	75.4	19.9	3.1	.1	1.3	.2	-
2,000 miles and over	118	100.0	71.7	20.8	1.7	.3	4.3	1.2	-
	(millions of ton-miles)								
TON-MILES									
Total	5,703	100.0	58.6	24.1	16.3	-	.7	.2	.1
Under 50 miles	120	100.0	1.1	42.8	56.1	-	-	-	-
50 to 99 miles	363	100.0	7.7	41.9	45.9	-	4.4	-	.1
100 to 199 miles	786	100.0	21.8	39.8	38.0	-	.1	-	.3
200 to 299 miles	819	100.0	59.9	24.9	15.2	-	-	-	-
300 to 399 miles	738	100.0	70.6	20.2	9.2	-	-	-	-
400 to 499 miles	533	100.0	73.0	19.9	7.1	-	-	-	-
500 to 599 miles	446	100.0	77.5	16.8	5.7	-	-	-	-
600 to 799 miles	743	100.0	78.1	12.7	8.8	-	.2	.1	.1
800 to 999 miles	342	100.0	67.0	21.4	11.0	.1	-	.5	-
1,000 to 1,199 miles	158	100.0	62.6	24.1	11.4	-	.1	.5	1.3
1,200 to 1,499 miles	188	100.0	82.5	10.8	5.5	.1	-	1.1	-
1,500 to 1,999 miles	202	100.0	75.0	20.1	3.1	.1	1.5	.2	-
2,000 miles and over	265	100.0	69.7	20.9	1.6	.5	6.2	1.1	-

[1] Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 133--Percent Distribution of Weight, by Means of Transport: 1967

Structural Clay, Pottery, and Related Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	22,138	100.0	32.9	33.1	33.0	1.0
Under 1,000 pounds	127	100.0	1.4	80.4	13.6	4.6
Under 50 pounds	4	100.0	2.1	41.8	6.2	49.9
50 to 99 pounds	5	100.0	2.1	77.6	8.2	12.1
100 to 199 pounds	15	100.0	1.4	83.1	9.2	6.3
200 to 499 pounds	47	100.0	.9	81.7	14.2	3.2
500 to 999 pounds	56	100.0	1.8	81.1	15.2	1.9
1,000 to 9,999 pounds	816	100.0	1.9	54.4	42.8	.9
1,000 to 1,999 pounds	95	100.0	1.5	73.5	23.2	1.8
2,000 to 2,999 pounds	86	100.0	1.6	68.7	28.4	1.3
3,000 to 3,999 pounds	69	100.0	2.6	55.1	41.2	1.1
4,000 to 4,999 pounds	90	100.0	1.4	51.4	45.8	1.4
5,000 to 9,999 pounds	476	100.0	2.1	48.3	49.0	.6
10,000 to 29,999 pounds	4,147	100.0	2.5	42.9	54.3	.3
10,000 to 19,999 pounds	1,515	100.0	1.9	45.0	52.9	.2
20,000 to 29,999 pounds	2,632	100.0	2.8	41.7	55.3	.2
30,000 to 59,999 pounds	9,356	100.0	3.2	49.2	47.4	.2
30,000 to 39,999 pounds	3,918	100.0	2.2	47.5	50.2	.1
40,000 to 49,999 pounds	4,504	100.0	2.6	53.1	44.0	.3
50,000 to 59,999 pounds	934	100.0	10.0	38.6	51.3	.1
60,000 to 89,999 pounds	1,346	100.0	69.0	20.1	9.9	1.0
60,000 to 69,999 pounds	508	100.0	51.0	33.8	12.9	2.3
70,000 to 79,999 pounds	404	100.0	76.0	10.8	12.9	.3
80,000 to 89,999 pounds	434	100.0	83.9	12.6	3.5	-
90,000 pounds and over	6,346	100.0	93.4	1.7	1.8	3.1
TON-MILES	(millions of ton-miles)					
Total	5,173	100.0	57.3	24.3	17.4	1.0
Under 1,000 pounds	70	100.0	3.2	84.1	5.7	7.0
Under 50 pounds	2	100.0	3.6	41.5	2.8	52.1
50 to 99 pounds	4	100.0	5.9	79.3	3.3	11.5
100 to 199 pounds	10	100.0	4.0	84.6	3.7	7.7
200 to 499 pounds	26	100.0	2.6	86.6	6.3	4.5
500 to 999 pounds	28	100.0	3.1	85.8	6.5	4.6
1,000 to 9,999 pounds	250	100.0	5.8	63.4	27.9	2.9
1,000 to 1,999 pounds	44	100.0	2.4	80.9	12.9	3.8
2,000 to 2,999 pounds	32	100.0	3.6	82.2	11.0	3.2
3,000 to 3,999 pounds	22	100.0	6.3	66.3	25.1	2.3
4,000 to 4,999 pounds	26	100.0	3.5	62.5	30.1	3.9
5,000 to 9,999 pounds	126	100.0	7.9	52.3	37.4	2.4
10,000 to 29,999 pounds	657	100.0	9.6	47.1	41.6	1.7
10,000 to 19,999 pounds	255	100.0	9.2	46.2	43.8	.8
20,000 to 29,999 pounds	402	100.0	9.9	47.7	40.2	2.2
30,000 to 59,999 pounds	1,406	100.0	13.8	47.8	37.7	.7
30,000 to 39,999 pounds	572	100.0	10.4	47.7	41.8	.1
40,000 to 49,999 pounds	690	100.0	11.5	52.3	34.7	1.5
50,000 to 59,999 pounds	144	100.0	38.0	26.1	35.4	.5
60,000 to 89,999 pounds	518	100.0	89.6	7.6	2.4	.4
60,000 to 69,999 pounds	168	100.0	83.7	11.3	3.6	1.4
70,000 to 79,999 pounds	165	100.0	93.3	3.7	3.0	-
80,000 to 89,999 pounds	185	100.0	91.5	7.6	.9	-
90,000 pounds and over	2,272	100.0	98.0	.8	.5	.7

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 133--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Structural Clay, Pottery, and Related Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON OF SHIPMENTS	(thousands of tons)					
Total[1]	22,138	100.0	32.9	33.1	33.0	1.0
Under 200 miles	13,439	100.0	10.2	41.2	46.9	1.7
Under 1,000 pounds	38	100.0	.3	67.7	30.0	2.0
1,000 to 9,999 pounds	468	100.0	.3	44.7	54.8	.2
10,000 to 29,999 pounds	3,333	100.0	.4	41.1	58.4	.1
30,000 to 59,999 pounds	7,525	100.0	.5	47.9	51.4	.2
60,000 to 89,999 pounds	572	100.0	33.7	43.9	20.4	2.0
90,000 pounds and over	1,503	100.0	74.8	5.0	7.3	12.9
200 to 399 miles	5,094	100.0	64.1	22.2	13.7	-
Under 1,000 pounds	31	100.0	.6	86.4	9.9	3.1
1,000 to 9,999 pounds	134	100.0	2.1	70.1	27.5	.3
10,000 to 29,999 pounds	391	100.0	6.6	52.9	40.5	-
30,000 to 59,999 pounds	1,339	100.0	5.8	58.2	36.0	-
60,000 to 89,999 pounds	376	100.0	92.7	3.1	4.2	-
90,000 pounds and over	2,823	100.0	99.5	.4	.1	-
400 to 599 miles	1,897	100.0	74.9	18.3	6.8	-
Under 1,000 pounds	18	100.0	.3	91.8	2.3	5.6
1,000 to 9,999 pounds	87	100.0	2.0	68.9	28.9	.2
10,000 to 29,999 pounds	191	100.0	12.7	54.6	32.7	-
30,000 to 59,999 pounds	275	100.0	28.6	56.7	14.7	-
60,000 to 89,999 pounds	145	100.0	98.6	1.4	-	-
90,000 pounds and over	1,181	100.0	99.3	.7	-	-
600 to 999 miles	1,295	100.0	73.0	15.6	10.8	.6
Under 1,000 pounds	19	100.0	2.6	81.8	8.8	6.8
1,000 to 9,999 pounds	85	100.0	4.8	63.8	28.3	3.1
10,000 to 29,999 pounds	177	100.0	14.0	40.9	44.9	.2
30,000 to 59,999 pounds	139	100.0	39.5	34.7	24.6	1.2
60,000 to 89,999 pounds	162	100.0	98.4	1.0	-	.6
90,000 pounds and over	713	100.0	98.7	1.3	-	-
1,000 miles and over	413	100.0	68.3	22.2	6.4	3.1
Under 1,000 pounds	20	100.0	4.7	83.9	2.6	8.8
1,000 to 9,999 pounds	42	100.0	13.6	60.9	19.4	6.1
10,000 to 29,999 pounds	55	100.0	24.4	46.1	22.6	6.9
30,000 to 59,999 pounds	77	100.0	63.0	25.5	6.7	4.8
60,000 to 89,999 pounds	92	100.0	95.8	4.2	-	-
90,000 pounds and over	127	100.0	99.6	-	-	.4
TON-MILES	(millions of ton-miles)					
Total[1]	5,173	100.0	57.3	24.3	17.4	1.0
Under 200 miles	1,197	100.0	15.7	39.7	43.0	1.6
Under 1,000 pounds	3	100.0	.6	79.2	17.8	2.4
1,000 to 9,999 pounds	37	100.0	.5	53.6	45.6	.3
10,000 to 29,999 pounds	234	100.0	.6	44.0	55.2	.2
30,000 to 59,999 pounds	674	100.0	.8	47.3	51.7	.2
60,000 to 89,999 pounds	64	100.0	43.2	40.5	13.8	2.5
90,000 pounds and over	185	100.0	83.3	2.6	5.5	8.6
200 to 399 miles	1,455	100.0	65.2	21.8	13.0	-
Under 1,000 pounds	10	100.0	.6	85.6	10.8	3.0
1,000 to 9,999 pounds	38	100.0	2.3	70.6	26.8	.3
10,000 to 29,999 pounds	110	100.0	7.7	53.8	38.5	-
30,000 to 59,999 pounds	370	100.0	6.4	58.4	35.2	-
60,000 to 89,999 pounds	108	100.0	93.3	3.2	3.5	-
90,000 pounds and over	819	100.0	99.5	.4	.1	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 133--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Structural Clay, Pottery, and Related Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	927	100.0	75.2	18.0	6.8	-
Under 1,000 pounds	9	100.0	.2	91.9	2.2	5.7
1,000 to 9,999 pounds	43	100.0	2.1	69.2	28.6	.1
10,000 to 29,999 pounds	96	100.0	12.9	54.5	32.6	-
30,000 to 59,999 pounds	130	100.0	29.8	55.6	14.6	-
60,000 to 89,999 pounds	74	100.0	98.8	1.2	-	-
90,000 pounds and over	575	100.0	99.3	.7	-	-
600 to 999 miles	935	100.0	72.1	16.5	10.8	.6
Under 1,000 pounds	15	100.0	2.5	80.7	10.0	6.8
1,000 to 9,999 pounds	64	100.0	4.7	64.9	27.1	3.3
10,000 to 29,999 pounds	131	100.0	15.3	41.8	42.7	.2
30,000 to 59,999 pounds	110	100.0	40.7	34.8	23.5	1.0
60,000 to 89,999 pounds	114	100.0	98.5	.9	-	.6
90,000 pounds and over	501	100.0	98.8	1.2	-	-
1,000 miles and over	659	100.0	68.8	21.6	5.2	4.4
Under 1,000 pounds	34	100.0	5.3	83.6	2.1	9.0
1,000 to 9,999 pounds	68	100.0	13.9	59.5	19.3	7.3
10,000 to 29,999 pounds	86	100.0	24.5	46.5	16.8	12.2
30,000 to 59,999 pounds	121	100.0	66.3	21.3	5.0	7.4
60,000 to 89,999 pounds	157	100.0	95.0	5.0	-	-
90,000 pounds and over	193	100.0	99.3	-	-	.7

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 133--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Structural Clay, Pottery, and Related Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	23,680	100.0	33.5	33.4	32.1	-	0.9	-	0.1
New England	260	100.0	31.5	35.9	32.6	-	-	-	-
Middle Atlantic	3,483	100.0	22.6	48.6	22.7	-	5.8	0.2	.1
East North Central	6,087	100.0	33.4	30.5	36.1	-	-	-	-
West North Central	2,432	100.0	59.3	33.8	6.1	-	-	-	.8
South Atlantic	5,219	100.0	36.2	30.4	33.4	-	-	-	-
East South Central	3,587	100.0	28.4	42.1	29.4	-	.1	-	-
West South Central	1,692	100.0	33.6	2.4	64.0	-	-	-	-
Mountain[1]	85	-	-	-	-	-	-	-	-
Pacific[2]	835	100.0	12.2	36.3	50.8	-	.6	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	5,703	100.0	58.6	24.1	16.3	-	.7	.2	.1
New England	63	100.0	61.4	31.4	6.9	0.1	.2	-	-
Middle Atlantic	882	100.0	45.8	40.7	9.9	.1	2.6	.6	.3
East North Central	1,356	100.0	52.4	26.9	20.7	-	-	-	-
West North Central	925	100.0	84.3	13.9	1.5	-	-	-	.3
South Atlantic	1,091	100.0	66.1	19.5	14.2	-	-	.2	-
East South Central	747	100.0	54.6	24.5	20.6	-	.2	.1	-
West South Central	450	100.0	56.3	4.1	39.6	-	-	-	-
Mountain[1]	12	-	-	-	-	-	-	-	-
Pacific[2]	177	100.0	13.2	48.0	30.9	.1	7.1	.7	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 133--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Structural Clay, Pottery, and Related Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	23,680	23,680	681	3,551	6,450	1,539	4,851	3,178	2,186	244	1,000
Ton-miles.....millions..	5,703	5,703	240	754	1,555	368	887	460	738	152	549
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	23,680	100.0	2.9	15.0	27.3	6.5	20.5	13.4	9.2	1.0	4.2
Shipments from--											
New England.....	260	100.0	41.8	38.3	14.7	.4	2.1	.3	1.6	.7	.1
Middle Atlantic.....	3,483	100.0	9.9	56.9	14.2	2.1	10.8	1.7	2.4	.5	1.5
East North Central.....	6,087	100.0	1.6	13.3	70.9	3.3	6.3	2.9	.8	.3	.6
West North Central.....	2,432	100.0	.7	5.9	24.5	43.1	3.6	3.5	13.8	1.4	3.5
South Atlantic.....	5,219	100.0	1.5	8.5	12.0	.3	61.6	14.0	1.3	.1	.7
East South Central.....	3,587	100.0	.8	1.6	8.3	2.1	20.8	58.9	7.2	.1	.2
West South Central.....	1,692	100.0	-	.9	5.1	7.0	1.8	.9	81.0	3.0	.3
Mountain[2].....	85	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	835	100.0	.1	.3	.6	.5	.5	.1	.5	4.3	93.1
TON-MILES	(millions)										
U.S. total.....	5,703	100.0	4.2	13.2	27.3	6.4	15.6	8.1	12.9	2.7	9.6
Shipments from--											
New England.....	63	100.0	6.3	34.1	36.6	1.7	3.0	1.0	10.3	5.8	1.2
Middle Atlantic.....	882	100.0	10.2	22.9	18.7	6.4	10.0	4.0	10.8	3.1	13.9
East North Central.....	1,356	100.0	4.0	17.7	50.1	4.6	8.3	4.3	3.5	2.1	5.4
West North Central.....	925	100.0	2.0	12.7	22.9	14.4	6.7	3.9	19.2	4.1	14.1
South Atlantic.....	1,091	100.0	4.3	10.8	23.9	1.0	35.1	11.8	5.0	1.1	7.0
East South Central.....	747	100.0	3.1	3.9	18.4	4.4	27.7	25.9	14.1	.6	1.9
West South Central.....	450	100.0	-	4.4	15.0	14.3	5.1	1.5	53.6	4.6	1.5
Mountain[2].....	12	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	177	100.0	1.5	3.8	4.7	3.2	4.7	.9	3.2	7.8	70.2

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 133--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Structural Clay, Pottery, and Related Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	23,680	100.0	33.5	33.4	32.1	-	0.9	-	0.1
Middle Atlantic, total	3,483	100.0	22.6	48.6	22.7	-	5.8	0.2	.1
Shipments to--									
New England	343	100.0	34.9	51.8	13.2	-	-	.1	-
Middle Atlantic	1,982	100.0	7.6	51.2	31.2	-	9.9	.1	-
East North Central	494	100.0	49.0	46.8	4.1	-	-	.1	-
South Atlantic	377	100.0	28.0	47.8	22.9	-	.7	.6	-
East North Central, total	6,087	100.0	33.4	30.5	36.1	-	-	-	-
Shipments to--									
New England	100	100.0	52.9	43.6	3.5	-	-	-	-
Middle Atlantic	811	100.0	44.0	32.3	23.7	-	-	-	-
East North Central	4,311	100.0	26.5	31.2	42.3	-	-	-	-
West North Central	200	100.0	47.3	16.3	36.4	-	-	-	-
South Atlantic	382	100.0	57.8	32.3	9.9	-	-	-	-
East South Central	175	100.0	57.7	8.0	34.3	-	-	-	-
West North Central, total	2,432	100.0	59.3	33.8	6.1	-	-	-	.8
Shipments to--									
East North Central	595	100.0	84.1	15.0	.9	-	-	-	-
West North Central	1,050	100.0	24.8	61.4	11.9	-	-	-	1.9
South Atlantic, total	5,219	100.0	36.2	30.4	33.4	-	-	-	-
Shipments to--									
Middle Atlantic	442	100.0	53.9	44.0	2.1	-	-	-	-
East North Central	624	100.0	80.9	18.5	.6	-	-	-	-
South Atlantic	3,218	100.0	21.1	30.3	48.6	-	-	-	-
East South Central, total	3,587	100.0	28.4	42.1	29.4	-	.1	-	-
Shipments to--									
East South Central	2,111	100.0	12.5	50.2	37.3	-	-	-	-
West South Central	260	100.0	35.9	15.3	47.6	-	1.0	.2	-
TON-MILES	(millions of ton-miles)								
U.S. total	5,703	100.0	58.6	24.1	16.3	-	.7	.2	.1
Middle Atlantic, total	882	100.0	45.8	40.7	9.9	0.1	2.6	.6	.3
Shipments to--									
New England	90	100.0	43.5	46.8	9.6	-	-	.1	-
Middle Atlantic	202	100.0	14.9	56.7	20.4	-	7.9	.1	-
East North Central	165	100.0	53.1	43.1	3.6	-	-	.2	-
South Atlantic	88	100.0	36.5	47.0	14.1	-	.5	1.9	-
East North Central, total	1,356	100.0	52.4	26.9	20.7	-	-	-	-
Shipments to--									
New England	55	100.0	51.9	42.2	5.8	.1	-	-	-
Middle Atlantic	240	100.0	55.2	27.4	17.4	-	-	-	-
East North Central	679	100.0	45.1	26.1	28.8	-	-	-	-
West North Central	62	100.0	66.6	20.7	12.7	-	-	-	-
South Atlantic	113	100.0	54.8	32.8	12.4	-	-	-	-
East South Central	58	100.0	70.7	12.3	17.0	-	-	-	-
West North Central, total	925	100.0	84.3	13.9	1.5	-	-	-	.3
Shipments to--									
East North Central	212	100.0	86.4	13.2	.4	-	-	-	-
West North Central	133	100.0	40.5	51.8	5.8	-	-	-	1.9
South Atlantic, total	1,091	100.0	66.1	19.5	14.2	-	-	.2	-
Shipments to--									
Middle Atlantic	117	100.0	73.0	24.1	2.9	-	-	-	-
East North Central	261	100.0	88.3	10.9	.8	-	-	-	-
South Atlantic	383	100.0	40.5	25.1	34.4	-	-	-	-
East South Central, total	747	100.0	54.6	24.5	20.6	-	.2	.1	-
Shipments to--									
East South Central	194	100.0	28.3	38.4	33.3	-	-	-	-
West South Central	105	100.0	32.0	15.5	50.7	-	1.5	.3	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 133--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Structural Clay, Pottery, and Related Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	23,680	11,314	10,082	2,284	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	5,703	2,123	2,574	1,006
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	33.5	29.0	34.4	51.5	58.6	52.4	59.9	68.5
Motor carrier.....	33.4	29.1	37.5	36.8	24.1	20.8	26.7	24.3
Private truck.....	32.1	40.0	27.9	11.3	16.3	25.6	12.9	5.5
Air.....	-	-	-	-	-	-	.1	.1
Water.....	.9	1.8	-	.3	.7	1.0	.1	1.5
Other.....	-	-	.1	.1	.2	.1	.2	.1
Unknown.....	.1	.1	.1	-	.1	.1	.1	-
DISTANCE OF SHIPMENTS								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	37.1	44.0	33.9	16.3	8.5	12.4	7.5	2.8
100 to 199 miles.....	23.0	22.6	24.5	17.9	13.8	17.9	13.6	5.6
200 to 299 miles.....	14.0	15.9	13.0	9.2	14.4	20.7	12.6	5.3
300 to 399 miles.....	9.0	7.5	9.4	15.0	12.9	13.8	12.7	12.0
400 to 499 miles.....	5.0	4.0	5.3	9.0	9.3	9.6	9.2	9.2
500 to 999 miles.....	9.7	5.2	11.3	25.3	26.8	18.3	29.3	38.3
1,000 miles and over.....	2.2	.8	2.6	7.3	14.3	7.3	15.1	26.8

Table 8. SHIPPER CLASS 133--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Structural Clay, Pottery, and Related Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	77.0	69.4	89.4	90.6
Highway facilities	72.3	72.6	73.0	61.6
Rail and highway facilities	52.2	46.4	63.0	52.1
Air facilities	60.5	58.2	63.9	67.7
Rail, highway, and air facilities	33.2	28.4	40.8	42.7
Water facilities	11.3	10.1	8.9	44.6
Rail, highway, air, and water facilities	6.4	5.1	5.9	28.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 134--Percent Distribution of Distance, by Means of Transport: 1967

Concrete, Gypsum, and Plaster

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	31,273	100.0	41.5	36.3	21.3	-	0.2	0.6	0.1
Under 50 miles	8,897	100.0	9.9	46.4	41.5	-	.4	1.7	.1
50 to 99 miles	6,785	100.0	21.8	53.4	24.3	-	-	.4	.1
100 to 199 miles	7,570	100.0	55.2	32.2	12.4	-	-	-	.2
200 to 299 miles	3,241	100.0	70.4	22.3	7.2	-	-	-	.1
300 to 399 miles	2,180	100.0	85.8	11.3	2.7	-	-	-	.2
400 to 499 miles	849	100.0	78.6	13.2	8.2	-	-	-	-
500 to 599 miles	624	100.0	92.7	5.3	2.0	-	-	-	-
600 miles and over	1,127	100.0	93.3	2.7	1.1	-	2.9	-	-
TON-MILES	(millions of ton-miles)								
Total	5,111	100.0	68.2	21.1	9.1	-	1.4	.1	.1
Under 50 miles	231	100.0	10.9	45.1	42.4	-	.3	1.2	.1
50 to 99 miles	489	100.0	21.8	54.3	23.4	-	-	.4	.1
100 to 199 miles	1,092	100.0	55.9	31.8	12.1	-	-	-	.2
200 to 299 miles	785	100.0	71.0	21.9	7.0	-	-	-	.1
300 to 399 miles	750	100.0	85.7	11.5	2.6	-	-	-	.2
400 to 499 miles	377	100.0	78.8	13.0	8.2	-	-	-	-
500 to 599 miles	337	100.0	92.7	5.3	2.0	-	-	-	-
600 miles and over	1,050	100.0	89.1	3.3	.9	-	6.7	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 134--Percent Distribution of Weight, by Means of Transport: 1967

Concrete, Gypsum, and Plaster

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	28,764	100.0	40.4	37.8	20.9	0.9
Under 1,000 pounds	17	100.0	.3	35.3	50.3	14.1
Under 200 pounds	1	100.0	.5	22.8	61.9	14.8
200 to 499 pounds	6	100.0	-	32.1	42.9	25.0
500 to 999 pounds	10	100.0	.4	38.6	52.8	8.2
1,000 to 9,999 pounds	370	100.0	3.9	23.2	59.7	13.2
1,000 to 1,999 pounds	21	100.0	6.2	23.9	58.8	11.1
2,000 to 2,999 pounds	34	100.0	3.3	29.4	44.9	22.4
3,000 to 3,999 pounds	37	100.0	3.3	19.7	61.8	15.2
4,000 to 4,999 pounds	36	100.0	3.0	33.2	52.6	11.2
5,000 to 9,999 pounds	242	100.0	4.0	21.3	62.7	12.0
10,000 to 29,999 pounds	3,484	100.0	4.3	39.6	53.1	3.0
10,000 to 19,999 pounds	1,332	100.0	6.1	38.7	49.9	5.3
20,000 to 29,999 pounds	2,152	100.0	3.2	40.1	55.2	1.5
30,000 to 59,999 pounds	11,241	100.0	4.8	67.3	27.6	.3
30,000 to 39,999 pounds	3,490	100.0	2.1	62.5	35.4	-
40,000 to 49,999 pounds	5,508	100.0	3.0	67.4	29.3	.3
50,000 to 59,999 pounds	2,243	100.0	13.5	73.8	11.5	1.2
60,000 to 89,999 pounds	3,448	100.0	85.0	7.6	6.9	.5
60,000 to 69,999 pounds	819	100.0	72.4	12.7	13.1	1.8
70,000 to 79,999 pounds	354	100.0	68.8	10.4	20.8	-
80,000 to 89,999 pounds	2,275	100.0	92.2	5.3	2.4	.1
90,000 pounds and over	10,204	100.0	78.0	15.7	5.8	.5
TON-MILES	(millions of ton-miles)					
Total	4,595	100.0	67.8	22.0	8.5	1.7
Under 1,000 pounds	1	100.0	1.1	57.6	36.4	4.9
Under 200 pounds	-	-	-	-	-	-
200 to 499 pounds	-	-	-	-	-	-
500 to 999 pounds	1	100.0	1.8	61.4	35.2	1.6
1,000 to 9,999 pounds	26	100.0	13.3	41.8	38.5	6.4
1,000 to 1,999 pounds	2	100.0	13.0	50.3	34.6	2.1
2,000 to 2,999 pounds	3	100.0	5.2	40.2	39.4	15.2
3,000 to 3,999 pounds	2	100.0	13.3	35.1	45.7	5.9
4,000 to 4,999 pounds	3	100.0	8.1	47.6	34.8	9.5
5,000 to 9,999 pounds	16	100.0	15.8	41.3	38.3	4.6
10,000 to 29,999 pounds	223	100.0	22.3	35.2	40.8	1.7
10,000 to 19,999 pounds	83	100.0	30.8	32.0	34.4	2.8
20,000 to 29,999 pounds	140	100.0	17.2	37.1	44.6	1.1
30,000 to 59,999 pounds	1,223	100.0	17.4	62.0	19.3	1.3
30,000 to 39,999 pounds	261	100.0	11.6	58.1	30.3	-
40,000 to 49,999 pounds	674	100.0	7.9	68.9	20.8	2.4
50,000 to 59,999 pounds	288	100.0	44.9	48.8	5.9	.4
60,000 to 89,999 pounds	1,010	100.0	96.4	2.4	1.2	-
60,000 to 69,999 pounds	234	100.0	95.2	2.1	2.5	.2
70,000 to 79,999 pounds	90	100.0	90.9	4.2	4.9	-
80,000 to 89,999 pounds	686	100.0	97.4	2.3	.2	.1
90,000 pounds and over	2,112	100.0	88.7	6.6	2.0	2.7

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 134--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Concrete, Gypsum, and Plaster

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	28,764	100.0	40.4	37.8	20.9	0.9
Under 200 miles	21,422	100.0	26.3	46.1	26.6	1.0
Under 1,000 pounds	15	100.0	-	31.0	53.4	15.6
1,000 to 9,999 pounds	339	100.0	1.7	20.4	63.7	14.2
10,000 to 29,999 pounds	3,282	100.0	1.8	40.2	54.9	3.1
30,000 to 59,999 pounds	9,784	100.0	1.7	68.3	29.6	.4
60,000 to 89,999 pounds	1,562	100.0	70.4	13.8	14.9	.9
90,000 pounds and over	6,440	100.0	66.8	24.2	8.6	.4
200 to 399 miles	5,002	100.0	78.0	17.3	4.6	.1
Under 1,000 pounds	1	100.0	3.1	69.7	26.3	.9
1,000 to 9,999 pounds	25	100.0	30.7	46.8	20.3	2.2
10,000 to 29,999 pounds	141	100.0	28.2	35.8	36.0	-
30,000 to 59,999 pounds	1,046	100.0	15.5	70.5	13.5	.5
60,000 to 89,999 pounds	1,038	100.0	95.0	4.4	.4	.2
90,000 pounds and over	2,751	100.0	98.2	.6	1.2	-
400 to 599 miles	1,406	100.0	85.4	9.5	5.1	-
Under 10,000 pounds	3	100.0	25.6	74.4	-	-
10,000 to 29,999 pounds	47	100.0	83.0	12.8	4.2	-
30,000 to 59,999 pounds	253	100.0	34.5	37.8	27.7	-
60,000 to 89,999 pounds	414	100.0	100.0	-	-	-
90,000 pounds and over	689	100.0	95.7	4.3	-	-
600 to 999 miles	647	100.0	96.8	1.7	1.5	-
Under 10,000 pounds	2	100.0	-	78.0	15.1	6.9
10,000 to 29,999 pounds	11	100.0	89.1	6.3	4.6	-
30,000 to 59,999 pounds	117	100.0	88.6	7.5	3.9	-
60,000 to 89,999 pounds	305	100.0	100.0	-	-	-
90,000 pounds and over	212	100.0	97.8	-	2.2	-
1,000 miles and over	287	100.0	84.1	4.0	.6	11.3
Under 10,000 pounds	1	100.0	-	85.0	5.6	9.4
10,000 to 29,999 pounds	3	100.0	97.2	2.8	-	-
30,000 to 59,999 pounds	42	100.0	59.0	24.7	3.9	12.4
60,000 to 89,999 pounds	129	100.0	100.0	-	-	-
90,000 pounds and over	112	100.0	95.7	-	-	24.3
TON-MILES	(millions of ton-miles)					
Total[1]	4,595	100.0	67.8	22.0	8.5	1.7
Under 200 miles	1,609	100.0	38.4	43.0	18.1	.5
Under 1,000 pounds	1	100.0	-	44.4	50.2	5.4
1,000 to 9,999 pounds	14	100.0	4.6	29.1	58.9	7.4
10,000 to 29,999 pounds	149	100.0	4.6	41.2	51.7	2.5
30,000 to 59,999 pounds	674	100.0	2.6	72.9	24.1	.4
60,000 to 89,999 pounds	128	100.0	82.7	8.5	8.5	.3
90,000 pounds and over	643	100.0	75.9	19.0	5.0	.1

See footnote at end of table.

TABLE 3. SHIPPER CLASS 134--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Concrete, Gypsum, and Plaster

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
200 to 399 miles	1,413	100.0	79.3	16.3	4.2	0.2
Under 1,000 pounds	-	-	-	-	-	-
1,000 to 9,999 pounds	7	100.0	34.7	43.7	19.2	2.4
10,00 to 29,999 pounds	38	100.0	30.3	35.6	34.1	-
30,000 to 59,999 pounds	277	100.0	15.8	70.4	13.1	.7
60,000 to 89,999 pounds	292	100.0	94.8	4.7	.3	.2
90,000 pounds and over	799	100.0	98.6	.5	.9	-
400 to 599 miles	684	100.0	86.2	9.0	4.8	-
Under 10,000 pounds	2	100.0	25.3	74.7	-	-
10,000 to 29,999 pounds	23	100.0	83.6	12.3	4.1	-
30,000 to 59,999 pounds	120	100.0	35.5	37.7	26.8	-
60,000 to 89,999 pounds	203	100.0	100.0	-	-	-
90,000 pounds and over	336	100.0	96.3	3.7	-	-
600 to 999 miles	496	100.0	97.0	1.6	1.4	-
Under 10,000 pounds	1	100.0	-	79.1	12.0	8.9
10,000 to 29,999 pounds	9	100.0	88.0	6.9	5.1	-
30,000 to 59,999 pounds	90	100.0	89.5	6.7	3.8	-
60,000 to 89,999 pounds	236	100.0	100.0	-	-	-
90,000 pounds and over	160	100.0	98.1	-	1.9	-
1,000 miles and over	393	100.0	76.4	5.2	.6	17.8
Under 10,000 pounds	1	100.0	-	71.8	10.2	18.0
10,000 to 29,999 pounds	5	100.0	96.5	3.5	-	-
30,000 to 59,999 pounds	62	100.0	46.0	30.5	3.3	20.2
60,000 to 89,999 pounds	150	100.0	100.0	-	-	-
90,000 pounds and over	175	100.0	67.2	-	-	32.8

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 134--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Concrete, Gypsum, and Plaster

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	31,273	100.0	41.5	36.3	21.3	-	0.2	0.6	0.1
New England	926	100.0	10.6	84.0	5.4	-	-	-	-
Middle Atlantic	4,925	100.0	21.9	62.8	15.2	-	-	-	.1
East North Central	6,251	100.0	37.6	38.9	23.5	-	-	-	-
West North Central	4,028	100.0	72.6	15.8	11.6	-	-	-	-
South Atlantic	6,441	100.0	34.4	37.9	24.8	-	-	2.7	.2
East South Central[1]	370	-	-	-	-	-	-	-	-
West South Central	3,404	100.0	46.2	37.5	15.9	-	-	-	.4
Mountain	1,156	100.0	78.8	3.0	18.0	-	-	-	.2
Pacific[2]	3,772	100.0	47.3	14.9	36.1	-	1.7	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	5,111	100.0	68.2	21.1	9.1	-	1.4	.1	.1
New England	73	100.0	31.5	64.5	3.9	-	.1	-	-
Middle Atlantic	473	100.0	42.5	50.0	7.4	-	-	-	.1
East North Central	924	100.0	66.6	21.6	11.8	-	-	-	-
West North Central	887	100.0	86.6	8.4	5.0	-	-	-	-
South Atlantic	830	100.0	63.9	25.2	10.1	-	-	.6	.2
East South Central[1]	41	-	-	-	-	-	-	-	-
West South Central	1,053	100.0	67.6	23.4	8.7	-	-	-	.3
Mountain	422	100.0	93.4	2.8	3.7	-	-	-	.1
Pacific[2]	408	100.0	55.4	10.0	17.3	-	17.3	-	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 134--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Concrete, Gypsum, and Plaster

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	31,273	31,273	1,036	5,079	6,948	2,177	5,603	2,383	2,838	673	4,536
Ton-miles.....millions..	5,111	5,111	111	572	979	439	863	448	662	213	824
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	31,273	100.0	3.3	16.2	22.2	7.0	17.9	7.6	9.1	2.2	14.5
Shipments from--											
New England.....	926	100.0	91.8	7.4	-	-	.6	.2	-	-	-
Middle Atlantic.....	4,925	100.0	2.1	90.8	4.3	.1	2.4	-	.2	.1	-
East North Central.....	6,251	100.0	.2	2.2	83.3	2.4	3.3	7.3	1.3	-	-
West North Central.....	4,028	100.0	-	.9	33.6	45.3	1.2	16.4	1.0	1.1	.5
South Atlantic.....	6,441	100.0	1.1	4.4	1.1	-	79.0	13.5	.9	-	-
East South Central[2].....	370	-	-	-	-	-	-	-	-	-	-
West South Central.....	3,404	100.0	-	2.3	2.9	5.7	2.0	3.2	77.6	4.7	1.6
Mountain.....	1,156	100.0	-	-	-	.4	-	-	.1	27.2	72.3
Pacific[3].....	3,772	100.0	-	-	-	-	-	-	-	3.9	96.1
TON-MILES	(millions)										
U.S. total.....	5,111	100.0	2.2	11.2	19.0	8.6	16.9	8.8	13.0	4.2	16.1
Shipments from--											
New England.....	73	100.0	75.9	14.1	-	-	7.4	2.6	-	-	-
Middle Atlantic.....	473	100.0	6.1	75.0	8.8	1.0	5.5	-	2.2	1.4	-
East North Central.....	924	100.0	.8	4.6	51.4	8.9	13.4	12.9	8.0	-	-
West North Central.....	887	100.0	-	3.9	42.0	30.0	2.9	12.1	2.6	2.4	4.1
South Atlantic.....	830	100.0	2.2	3.4	1.4	-	72.1	16.0	4.9	-	-
East South Central[2].....	41	-	-	-	-	-	-	-	-	-	-
West South Central.....	1,053	100.0	-	9.3	7.6	7.7	6.4	6.4	48.3	7.5	6.8
Mountain.....	422	100.0	-	-	-	1.0	-	-	.4	11.9	86.7
Pacific[3].....	408	100.0	-	.9	-	-	-	-	.1	13.7	85.3

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 134--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Concrete, Gypsum, and Plaster

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	31,273	100.0	41.5	36.3	21.3	-	0.2	0.6	0.1
Middle Atlantic, total	4,925	100.0	21.9	62.8	15.2	-	-	-	.1
Shipments to--									
Middle Atlantic	4,471	100.0	18.7	65.6	15.6	-	-	-	.1
East North Central, total	6,251	100.0	37.6	38.9	23.5	-	-	-	-
Shipments to--									
East North Central	5,210	100.0	28.1	45.0	26.9	-	-	-	-
West North Central, total	4,028	100.0	72.6	15.8	11.6	-	-	-	-
Shipments to--									
East North Central	1,353	100.0	88.7	9.0	2.3	-	-	-	-
West North Central	1,820	100.0	48.6	27.8	23.6	-	-	-	-
South Atlantic, total	6,441	100.0	34.4	37.9	24.8	-	-	2.7	.2
Shipments to--									
South Atlantic	5,083	100.0	31.2	36.4	30.3	-	-	2.0	.1
West South Central, total	3,404	100.0	46.2	37.5	15.9	-	-	-	.4
Shipments to--									
West South Central	2,640	100.0	35.7	4.54	18.4	-	-	-	.5
Pacific, total	3,772	100.0	47.3	14.9	36.1	-	1.7	-	-
Shipments to--									
Pacific	3,623	100.0	46.7	15.0	36.5	-	1.8	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	5,111	100.0	68.2	21.1	9.1	-	1.4	.1	.1
Middle Atlantic, total	473	100.0	42.5	50.0	7.4	-	-	-	.1
Shipments to--									
Middle Atlantic	355	100.0	36.3	54.9	8.7	-	-	-	.1
East North Central, total	924	100.0	66.6	21.6	11.8	-	-	-	-
Shipments to--									
East North Central	474	100.0	42.1	37.5	20.4	-	-	-	-
West North Central, total	887	100.0	86.6	8.4	5.0	-	-	-	-
Shipments to--									
East North Central	372	100.0	94.3	3.9	1.8	-	-	-	-
West North Central	266	100.0	65.7	21.1	13.2	-	-	-	-
South Atlantic, total	830	100.0	63.9	25.2	10.1	-	-	.6	.2
Shipments to--									
South Atlantic	597	100.0	59.0	28.0	12.7	-	-	.3	-
West South Central, total	1,053	100.0	67.6	23.4	8.7	-	-	-	.3
Shipments to--									
West South Central	509	100.0	46.7	40.2	12.5	-	-	-	.6
Pacific, total	408	100.0	55.4	10.0	17.3	-	17.3	-	-
Shipments to--									
Pacific	349	100.0	52.3	9.9	17.5	-	20.3	-	-

Note: Only those dividions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 134--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Concrete, Gypsum, and Plaster

Means of transport and distance of shipment	TONS OF SHIPMENTS			TON-MILES		
	All plants	Plants with--		All plants	Plants with--	
		20 to 99 employees	100 employees and over		20 to 99 employees	100 employees and over
Tons shipped..... thousands..	31,273	10,560	20,713	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	5,111	1,115	3,996
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment					
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	41.5	17.2	54.1	68.2	44.8	74.8
Motor carrier.....	36.3	43.0	37.6	21.1	30.8	18.3
Private truck.....	21.3	37.9	12.9	9.1	23.9	5.0
Air.....	-	-	-	-	-	-
Water.....	.2	-	.3	1.4	-	1.8
Other.....	.6	1.7	-	.1	.4	-
Unknown.....	.1	.2	.1	.1	.1	.1
DISTANCE OF SHIPMENT						
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	50.1	70.7	39.6	14.1	32.5	8.9
100 to 199 miles.....	24.2	20.2	26.3	21.3	27.6	19.6
200 to 299 miles.....	10.4	3.9	13.6	15.4	8.8	17.2
300 to 399 miles.....	7.0	1.0	10.0	14.7	3.4	17.8
400 to 499 miles.....	2.7	1.2	3.5	7.4	5.0	8.1
500 to 999 miles.....	4.6	2.3	5.8	18.7	15.8	19.5
1,000 miles and over.....	1.0	.7	1.2	8.4	6.9	8.9

Table 8. SHIPPER CLASS 134--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Concrete, Gypsum, and Plaster

Shipping facilities available	All plants	Plants with--	
		20 to 99 employees	100 employees and over
Total	100.0	100.0	100.0
Rail facilities	67.5	62.8	80.9
Highway facilities	75.1	73.0	81.2
Rail and highway facilities	45.1	39.1	62.1
Air facilities	72.2	74.6	65.2
Rail, highway, and air facilities	38.2	35.8	45.3
Water facilities	11.7	8.5	21.2
Rail, highway, air, and water facilities	7.7	5.1	15.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 135--Percent Distribution of Distance, by Means of Transport: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	65,221	100.0	37.2	47.6	11.8	-	3.3	-	0.1
Under 50 miles	16,761	100.0	20.3	60.2	18.4	-	1.1	-	-
50 to 99 miles	18,666	100.0	28.7	61.2	9.8	-	.3	-	-
100 to 199 miles	15,616	100.0	43.3	41.6	12.4	-	2.7	-	-
200 to 299 miles	5,394	100.0	58.3	20.1	7.9	-	13.7	-	-
300 to 399 miles	3,030	100.0	71.8	20.4	5.5	-	2.3	-	-
400 to 499 miles	1,664	100.0	68.5	20.9	7.3	-	3.1	-	.2
500 to 599 miles	1,219	100.0	75.6	20.6	3.7	-	-	0.1	-
600 to 799 miles	1,015	100.0	55.3	38.9	5.2	0.1	.2	.3	-
800 to 999 miles	390	100.0	59.5	30.4	4.9	.2	-	.2	4.8
1,000 to 1,199 miles	188	100.0	61.8	34.6	2.9	.1	-	.6	-
1,200 to 1,499 miles	359	100.0	89.8	8.0	1.7	-	.4	.1	-
1,500 to 1,999 miles	158	100.0	69.6	29.3	.5	.3	-	.2	.1
2,000 miles and over	761	100.0	7.9	4.2	.1	-	87.6	.2	-
TON-MILES	(millions of ton-miles)								
Total	11,360	100.0	47.4	29.9	7.2	-	15.2	.1	.2
Under 50 miles	493	100.0	20.9	58.7	19.4	-	1.0	-	-
50 to 99 miles	1,310	100.0	28.5	61.2	10.0	-	.3	-	-
100 to 199 miles	2,170	100.0	43.5	41.2	12.7	-	2.6	-	-
200 to 299 miles	1,298	100.0	57.0	19.9	8.3	-	14.7	.1	-
300 to 399 miles	1,035	100.0	71.5	20.6	5.5	-	2.4	-	-
400 to 499 miles	738	100.0	68.8	20.9	7.1	-	3.0	-	.2
500 to 599 miles	674	100.0	76.0	20.2	3.7	-	-	.1	-
600 to 799 miles	683	100.0	53.9	40.0	5.5	.1	.2	.3	-
800 to 999 miles	347	100.0	60.0	30.5	4.8	.1	-	.2	4.4
1,000 to 1,199 miles	204	100.0	61.3	35.1	2.8	.1	-	.7	-
1,200 to 1,499 miles	495	100.0	89.8	7.9	1.7	-	.5	.1	-
1,500 to 1,999 miles	271	100.0	70.5	28.5	.4	.3	-	.2	.1
2,000 miles and over	1,642	100.0	8.2	4.7	.1	-	86.8	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 135--Percent Distribution of Weight, by Means of Transport: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	55,746	100.0	36.9	48.6	12.3	2.2
Under 1,000 pounds	225	100.0	.8	90.6	4.6	4.0
Under 50 pounds	8	100.0	2.0	51.9	2.8	43.3
50 to 99 pounds	13	100.0	.7	86.1	4.7	8.5
100 to 199 pounds	32	100.0	1.1	93.3	3.0	2.6
200 to 499 pounds	85	100.0	.4	93.1	4.2	2.3
500 to 999 pounds	87	100.0	.9	91.5	5.8	1.8
1,000 to 9,999 pounds	979	100.0	11.9	68.1	19.1	.9
1,000 to 1,999 pounds	121	100.0	.4	86.3	11.5	1.8
2,000 to 2,999 pounds	104	100.0	1.8	79.0	18.0	1.2
3,000 to 3,999 pounds	95	100.0	3.1	69.4	26.7	.8
4,000 to 4,999 pounds	99	100.0	6.5	66.9	26.3	.3
5,000 to 9,999 pounds	560	10.0	18.8	62.0	18.4	.8
10,000 to 29,999 pounds	2,194	100.0	13.7	47.8	38.2	.3
10,000 to 19,999 pounds	1,117	100.0	14.9	38.7	45.9	.5
20,000 to 29,999 pounds	1,077	100.0	12.5	57.0	30.2	.3
30,000 to 59,999 pounds	22,911	100.0	1.8	85.1	12.9	.2
30,000 to 39,999 pounds	1,417	100.0	9.2	67.4	22.9	.5
40,000 to 49,999 pounds	14,344	100.0	.8	91.3	7.7	.2
50,000 to 59,999 pounds	7,150	100.0	2.3	76.0	21.4	.3
60,000 to 89,999 pounds	2,833	100.0	36.6	58.2	5.1	.1
60,000 to 69,999 pounds	1,829	100.0	21.8	73.7	4.5	-
70,000 to 79,999 pounds	584	100.0	84.6	10.0	5.4	-
80,000 to 89,999 pounds	420	100.0	34.6	57.2	7.3	.9
90,000 pounds and over	26,604	100.0	70.3	15.2	10.1	4.4
TON-MILES	(millions of ton-miles)					
Total	9,416	100.0	43.5	32.9	7.6	16.0
Under 1,000 pounds	119	100.0	1.8	91.0	1.7	5.5
Under 50 pounds	4	100.0	3.7	50.1	1.3	44.9
50 to 99 pounds	7	100.0	2.0	86.5	1.1	10.4
100 to 199 pounds	18	100.0	3.4	91.5	1.1	4.0
200 to 499 pounds	45	100.0	.9	93.9	1.6	3.6
500 to 999 pounds	45	100.0	2.0	92.2	2.1	3.7
1,000 to 9,999 pounds	371	100.0	16.0	72.2	10.1	1.7
1,000 to 1,999 pounds	56	100.0	1.1	90.4	5.6	2.9
2,000 to 2,999 pounds	44	100.0	3.0	87.0	7.8	2.2
3,000 to 3,999 pounds	42	100.0	4.7	79.1	12.3	3.9
4,000 to 4,999 pounds	34	100.0	8.4	71.5	19.7	.4
5,000 to 9,999 pounds	195	100.0	27.1	62.2	9.7	1.0
10,000 to 29,999 pounds	691	100.0	29.9	46.4	23.1	.6
10,000 to 19,999 pounds	349	100.0	32.7	42.0	24.5	.8
20,000 to 29,999 pounds	342	100.0	27.0	50.9	21.7	.4
30,000 to 59,999 pounds	2,375	100.0	10.1	76.6	12.4	.9
30,000 to 39,999 pounds	411	100.0	22.2	65.0	12.2	.6
40,000 to 49,999 pounds	1,383	100.0	5.2	84.2	9.6	1.0
50,000 to 59,999 pounds	581	100.0	13.2	66.7	19.4	.7
60,000 to 89,999 pounds	561	100.0	63.1	35.1	1.8	-
60,000 to 69,999 pounds	268	100.0	45.4	51.9	2.7	-
70,000 to 79,999 pounds	170	100.0	87.6	11.3	1.1	-
80,000 to 89,999 pounds	123	100.0	67.9	31.0	.9	.2
90,000 pounds and over	5,299	100.0	61.1	7.2	3.9	27.8

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 135--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TON OF SHIPMENTS						
Total[1]	55,746	100.0	36.9	48.6	12.3	2.2
Under 200 miles	45,296	100.0	31.6	54.0	13.5	.9
Under 1,000 pounds	69	100.0	.1	85.4	11.0	3.5
1,000 to 9,999 pounds	387	100.0	6.3	61.8	31.3	.6
10,000 to 29,999 pounds	1,087	100.0	3.1	45.3	51.2	.4
30,000 to 59,999 pounds	21,008	100.0	.5	87.2	12.3	-
60,000 to 89,999 pounds	2,228	100.0	25.5	67.9	6.4	.2
90,000 pounds and over	20,517	100.0	66.3	18.6	13.1	2.0
200 to 399 miles	6,323	100.0	65.7	23.9	8.9	1.5
Under 1,000 pounds	49	100.0	.2	93.1	2.9	3.8
1,000 to 9,999 pounds	287	100.0	7.9	72.7	18.6	.8
10,000 to 29,999 pounds	527	100.0	6.8	57.4	35.6	.2
30,000 to 59,999 pounds	1,186	100.0	7.1	62.9	27.0	3.0
60,000 to 89,999 pounds	287	100.0	73.4	26.2	.4	-
90,000 pounds and over	3,987	100.0	95.3	3.4	-	1.3
400 to 599 miles	1,707	100.0	64.1	30.5	5.1	.3
Under 1,000 pounds	35	100.0	.9	94.6	1.0	3.5
1,000 to 9,999 pounds	141	100.0	27.7	70.1	1.9	.3
10,000 to 29,999 pounds	247	100.0	27.6	44.4	27.6	.4
30,000 to 59,999 pounds	284	100.0	20.8	72.5	5.5	1.2
60,000 to 89,999 pounds	119	100.0	77.7	21.7	.6	-
90,000 pounds and over	881	100.0	94.6	5.4	-	-
600 to 999 miles	1,108	100.0	50.7	41.5	5.5	2.3
Under 1,000 pounds	43	100.0	.7	93.4	2.1	3.8
1,000 to 9,999 pounds	102	100.0	20.5	70.0	7.9	1.6
10,000 to 29,999 pounds	227	100.0	42.2	46.7	10.3	.8
30,000 to 59,999 pounds	314	100.0	30.2	60.3	8.8	.7
60,000 to 89,999 pounds	110	100.0	78.8	20.5	.7	-
90,000 pounds and over	312	100.0	84.1	9.9	-	6.0
1,000 miles and over	1,312	100.0	35.0	12.8	1.0	51.2
Under 1,000 pounds	29	100.0	3.0	90.3	.5	6.2
1,000 to 9,999 pounds	63	100.0	16.1	77.1	3.0	3.8
10,000 to 29,999 pounds	106	100.0	63.7	32.7	3.1	.5
30,000 to 59,999 pounds	118	100.0	55.7	34.8	6.4	3.1
60,000 to 89,999 pounds	88	100.0	91.6	8.4	-	-
90,000 pounds and over	908	100.0	25.8	1.1	-	73.1
	(millions of ton-miles)					
TON-MILES						
Total[1]	9,416	100.0	43.5	32.9	7.6	16.0
Under 200 miles	3,599	100.0	35.9	50.7	12.6	.8
Under 1,000 pounds	7	100.0	.1	89.7	6.5	3.7
1,000 to 9,999 pounds	39	100.0	6.8	64.7	27.7	.8
10,000 to 29,999 pounds	101	100.0	3.8	44.3	51.6	.3
30,000 to 59,999 pounds	1,503	100.0	.7	87.8	11.5	-
60,000 to 89,999 pounds	202	100.0	28.5	67.0	4.4	.1
90,000 pounds and over	1,747	100.0	69.8	16.8	11.8	1.6
200 to 399 miles	1,754	100.0	65.7	23.9	9.0	1.4
Under 1,000 pounds	14	100.0	.3	92.9	2.9	3.9
1,000 to 9,999 pounds	84	100.0	8.7	71.8	18.7	.8
10,000 to 29,999 pounds	156	100.0	6.5	57.7	35.6	.2
30,000 to 59,999 pounds	322	100.0	8.2	62.6	26.3	2.9
60,000 to 89,999 pounds	80	100.0	71.4	28.2	.4	-
90,000 pounds and over	1,098	100.0	95.7	3.0	-	1.3

See footnote at end of table.

TABLE 3. SHIPPER CLASS 135--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	851	100.0	65.4	29.6	4.7	0.3
Under 1,000 pounds	17	100.0	.9	94.5	1.0	3.6
1,000 to 9,999 pounds	69	100.0	28.2	69.5	2.0	.3
10,000 to 29,999 pounds	117	100.0	29.6	44.1	25.8	.5
30,000 to 59,999 pounds	141	100.0	21.2	72.1	5.6	1.1
60,000 to 89,999 pounds	59	100.0	78.5	21.0	.5	-
90,000 pounds and over	448	100.0	95.1	4.9	-	-
600 to 999 miles	822	100.0	50.7	41.3	5.5	2.5
Under 1,000 pounds	32	100.0	.7	93.2	2.3	3.8
1,000 to 9,999 pounds	77	100.0	21.2	68.6	8.6	1.6
10,000 to 29,999 pounds	172	100.0	42.7	46.4	10.1	.8
30,000 to 59,999 pounds	231	100.0	31.6	59.0	8.8	.6
60,000 to 89,999 pounds	87	100.0	80.1	19.2	.7	-
90,000 pounds and over	223	100.0	82.4	10.7	-	6.9
1,000 miles and over	2,390	100.0	28.4	10.9	.7	60.0
Under 1,000 pounds	49	100.0	3.6	88.1	.5	7.8
1,000 to 9,999 pounds	103	100.0	13.5	80.0	2.7	3.8
10,000 to 29,999 pounds	143	100.0	58.6	37.5	2.9	1.0
30,000 to 59,999 pounds	178	100.0	56.2	34.2	5.1	4.5
60,000 to 89,999 pounds	133	100.0	92.4	7.6	-	-
90,000 pounds and over	1,784	100.0	19.9	.6	-	79.5

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 135--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	65,221	100.0	37.2	47.6	11.8	-	3.3	-	0.1
New England	523	100.0	21.1	57.5	21.0	0.2	-	0.2	-
Middle Atlantic	10,786	100.0	32.2	67.2	.6	-	-	-	-
East North Central	19,448	100.0	43.7	37.0	12.1	-	7.2	-	-
West North Central	5,780	100.0	59.9	31.1	8.7	-	-	-	.3
South Atlantic	6,973	100.0	49.0	49.1	1.8	-	-	.1	-
East South Central	3,012	100.0	52.8	37.4	9.6	-	-	.2	-
West South Central	5,692	100.0	24.6	65.2	8.5	-	1.6	-	.1
Mountain[1]	3,316	-	-	-	-	-	-	-	-
Pacific[2]	9,691	100.0	19.4	45.6	27.8	-	7.2	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	11,360	100.0	47.4	29.9	7.2	-	15.2	.1	.2
New England	232	100.0	43.0	52.1	4.2	.4	-	.3	-
Middle Atlantic	1,302	100.0	38.4	60.2	.9	.1	-	.1	.3
East North Central	3,266	100.0	63.5	21.3	6.6	-	8.5	.1	-
West North Central	1,002	100.0	66.8	25.4	6.5	-	-	-	1.3
South Atlantic	1,060	100.0	66.0	30.9	2.7	-	-	.4	-
East South Central	454	100.0	65.1	25.4	9.1	-	-	.4	-
West South Central	913	100.0	35.8	51.0	10.4	-	2.8	-	-
Mountain[1]	512	-	-	-	-	-	-	-	-
Pacific[2]	2,619	100.0	20.7	17.0	7.8	-	54.5	-	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 135--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	65,221	65,221	2,446	7,350	19,820	5,709	8,308	3,273	5,600	3,447	9,268
Ton-miles.....millions..	11,360	11,360	485	1,091	2,448	1,079	1,332	1,793	1,354	534	1,244
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	65,221	100.0	3.8	11.3	30.3	8.8	12.7	5.0	8.6	5.3	14.2
Shipments from--											
New England.....	523	100.0	32.4	29.1	22.3	2.2	5.3	2.0	3.8	.1	2.8
Middle Atlantic.....	10,786	100.0	17.8	49.2	22.9	.3	8.9	.3	.3	-	.3
East North Central.....	19,448	100.0	1.7	7.7	82.1	2.4	2.6	1.8	1.4	.1	.2
West North Central.....	5,780	100.0	.1	.6	13.2	80.8	1.2	.6	2.7	.3	.5
South Atlantic.....	6,973	100.0	.2	4.9	2.8	1.0	82.1	2.9	5.7	.1	.3
East South Central.....	3,012	100.0	-	.1	6.8	.1	31.8	59.1	2.1	-	-
West South Central.....	5,692	100.0	-	.2	.9	4.5	1.0	3.4	80.7	8.8	.5
Mountain[2].....	3,316	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	9,691	100.0	-	.1	.4	.8	.1	6.9	.7	6.2	84.8
TON-MILES	(millions)										
U.S. total.....	11,360	100.0	4.3	9.6	21.5	9.5	11.7	15.8	11.9	4.7	11.0
Shipments from--											
New England.....	232	100.0	4.6	14.2	34.3	5.3	6.1	5.2	14.1	.4	15.8
Middle Atlantic.....	1,302	100.0	18.9	30.3	24.5	2.5	12.7	2.0	3.4	.5	5.2
East North Central.....	3,266	100.0	6.1	16.0	49.8	4.9	8.0	2.5	9.5	.6	2.6
West North Central.....	1,002	100.0	.8	3.4	20.4	58.2	5.7	1.8	4.7	1.1	3.9
South Atlantic.....	1,060	100.0	1.1	6.4	7.8	5.0	46.5	4.8	23.1	.6	4.7
East South Central.....	454	100.0	-	.5	4.7	.4	61.2	28.8	4.3	-	.1
West South Central.....	913	100.0	-	1.7	4.5	6.8	4.8	5.2	62.4	9.9	4.7
Mountain[2].....	512	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	2,619	100.0	.3	.8	2.6	4.1	.7	54.5	3.3	5.1	28.6

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 135--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	65,221	100.0	37.2	47.6	11.8	-	3.3	-	0.1
Middle Atlantic, total	10,786	100.0	32.2	67.2	.6	-	-	-	-
Shipments to--									
New England	1,924	100.0	29.0	71.0	-	-	-	-	-
Middle Atlantic	5,288	100.0	22.1	77.0	.9	-	-	-	-
East North Central	2,475	100.0	51.6	48.1	.3	-	-	-	-
South Atlantic	961	100.0	43.4	55.8	.7	-	-	-	.1
East North Central, total	19,448	100.0	43.7	37.0	12.1	-	7.2	-	-
Shipments to--									
Middle Atlantic	1,504	100.0	61.1	27.5	2.0	-	9.4	-	-
East North Central	15,970	100.0	39.6	38.9	13.9	-	7.6	-	
West North Central	467	100.0	58.2	25.5	5.4	-	10.9	-	-
South Atlantic	497	100.0	66.3	24.7	9.0	-	-	-	-
East South Central	353	100.0	26.5	67.4	6.1	-	-	-	-
West South Central	266	100.0	78.7	17.7	3.5	-	-	0.1	-
West North Central, total	5,780	100.0	59.9	31.1	8.7	-	-	-	.3
Shipments to--									
East North Central	762	100.0	69.4	26.0	4.6	-	-	-	-
West North Central	4,673	100.0	59.4	30.9	9.6	-	-	-	.1
South Atlantic, total	6,973	100.0	49.0	49.1	1.8	-	-	.1	-
Shipments to--									
Middle Atlantic	343	100.0	53.5	45.3	1.2	-	-	-	
East North Central	192	100.0	64.1	32.9	2.3	-	-	.7	-
South Atlantic	5,731	100.0	44.1	54.4	1.5	-	-	-	-
West South Central	397	100.0	92.8	4.5	2.5	-	-	.2	-
Pacific, total	9,691	100.0	19.4	45.6	27.8	-	7.2	-	-
Shipments to--									
Pacific	8,221	100.0	18.4	49.1	32.0	-	.4	-	.1
	(millions of ton-miles)								
TON-MILES									
U.S. total	11,360	100.0	47.4	29.9	7.2	-	15.2	.1	.2
Middle Atlantic, total	1,302	100.0	38.4	60.2	.9	0.1	-	.1	.3
Shipments to--									
New England	246	100.0	29.4	70.6	-	-	-	-	-
Middle Atlantic	396	100.0	24.3	74.5	1.2	-	-	-	-
East North Central	318	100.0	56.1	42.9	.8	.1	-	.1	-
South Atlantic	165	100.0	51.6	47.2	.9	.1	-	.1	.1
East North Central, total	3,266	100.0	63.5	21.3	6.6	-	8.5	.1	-
Shipments to--									
Middle Atlantic	522	100.0	74.0	16.2	1.5	-	8.3	-	-
East North Central	1,627	100.0	53.3	23.8	9.8	-	13.1	-	-
West North Central	161	100.0	48.7	31.5	6.1	-	13.7	-	-
South Atlantic	261	100.0	70.3	21.8	7.9	-	-	-	-
East South Central	82	100.0	45.4	45.2	9.3	-	-	-	.1
West South Central	309	100.0	85.4	12.4	2.2	-	-	-	-
West North Central, total	1,002	100.0	66.8	25.4	6.5	-	-	-	1.3
Shipments to--									
East North Central	204	100.0	74.2	23.5	2.3	-	-	-	-
West North Central	584	100.0	73.2	18.4	8.1	-	-	-	.3
South Atlantic, total	1,060	100.0	66.0	30.9	2.7	-	-	.4	-
Shipments to--									
Middle Atlantic	67	100.0	67.5	30.6	1.9	-	-	-	-
East North Central	82	100.0	64.5	31.1	3.2	-	-	1.2	-
South Atlantic	495	100.0	53.4	44.8	1.7	-	-	.1	-
West South Central	244	100.0	91.5	4.8	3.4	-	-	.3	-
Pacific, total	2,619	100.0	20.7	17.0	7.8	-	54.5	-	-
Shipments to--									
Pacific	750	100.0	27.9	46.8	24.3	-	1.0	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 135--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	65,221	14,962	45,053	5,206	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	11,360	2,836	7,379	1,145
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	37.2	36.6	38.9	25.0	47.4	63.2	43.6	33.4
Motor carrier.....	47.6	36.8	52.1	37.8	29.9	21.5	31.8	38.1
Private truck.....	11.8	26.6	7.2	9.7	7.2	15.2	4.6	3.6
Air.....	-	-	-	-	-	-	-	.1
Water.....	3.3	-	1.7	27.4	15.2	-	19.7	24.3
Other.....	-	-	-	-	.1	.1	.1	.3
Unknown.....	.1	-	.1	.1	.2	-	.2	.2
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	54.4	50.0	58.4	32.5	15.9	10.2	19.5	6.4
100 to 199 miles.....	23.9	21.3	24.0	30.7	19.1	16.4	19.8	21.2
200 to 299 miles.....	8.3	7.8	7.1	19.9	11.4	9.9	10.2	22.9
300 to 399 miles.....	4.6	5.0	4.5	4.6	9.1	8.8	9.5	7.2
400 to 499 miles.....	2.6	6.2	1.2	3.6	6.5	14.5	3.3	7.2
500 to 999 miles.....	4.0	7.6	2.5	6.8	15.0	24.1	10.4	22.0
1,000 miles and over.....	2.2	2.1	2.3	1.9	23.0	16.1	27.3	13.1

Table 8. SHIPPER CLASS 135--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Hydraulic Cement; Cut Stone and Stone Products; Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	56.5	40.0	86.4	88.8
Highway facilities.....	84.1	89.6	73.6	76.9
Rail and highway facilities.....	43.2	33.0	61.6	65.7
Air facilities.....	70.9	76.9	57.9	74.8
Rail, highway, and air facilities.....	32.1	27.0	39.4	56.5
Water facilities.....	14.1	12.4	14.9	36.0
Rail, highway, air, and water facilities.	10.0	7.9	12.3	27.1

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.5 percent reported they did not have any of the above transportation facilities available.

Shipper Group 14

Primary Iron and Steel Products

141 Steel works and rolling mill products
142 Iron and steel castings
143 Miscellaneous primary metal products

SAMPLE SIZE

The sample for this shipper group consisted of 607 establishments, of which 554 were in scope and provided data from 66,554 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (53 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 14 and their related SIC industries are as follows:

Shipper Class 141.--Steel works and rolling mill products
- SIC 3312.--Blast furnaces (including coke ovens), steel works, and rolling mills
- SIC 3313.--Electrometallurgical products
- SIC 3315.--Steel wire drawing and steel nails and spikes
- SIC 3316.--Cold rolled sheet, strip, and bars
- SIC 3317.--Steel pipe and tubes

Shipper Class 142.--Iron and steel castings
- SIC 3321.--Gray iron foundries
- SIC 3322.--Malleable iron foundries
- SIC 3323.--Steel foundries

Shipper Class 143.--Miscellaneous primary metal products
- SIC 3391.--Iron and steel forgings
- SIC 3392.--Nonferrous forgings
- SIC 3399.--Primary metal industries, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
141–Steel works and rolling mill products	3311,3312,3313,3315	3312,3313,3315,3316, 3317
142–Iron and steel castings	3321	3321,3322,3323
143–Miscellaneous primary metal products	3391,3392,3399	3391,3392,3399

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 81 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 14	128,975	100.0	81.4	18.6
Class 141	113,521	100.0	80.1	19.9
Class 142	12,556	100.0	92.3	7.7
Class 143	2,898	100.0	81.9	18.1

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Primary Iron and Steel Products Shipper Group shipped (beyond the local area) about 128,975,000 tons of commodities during 1967. Those shipments generated about 40 billion ton-miles by all means of transport combined, averaging about 314 straight-line miles per ton shipped.

As shown in table A, the Steel Works and Rolling Mill Products Shipper Class dominated this group, shipping about 88 percent of the total tons. The Iron and Steel Castings Shipper Class shipped 10 percent of the tons, and the Miscellaneous Primary Metal Products Shipper Class accounted for 2 percent.

Rails transported half of the total tonnage for the shipper group and for the Steel Works and Rolling Mill Products Shipper Class. Motor carriers (for-hire carriers) transported about half, and rails about one-third of the tonnage for each of the other two shipper classes.

When measured in terms of ton-miles, rather than tons, the rail share increased to about 60 percent for the shipper group and for two shipper classes. Motor carriers continued to dominate the Miscellaneous Primary Metal Products Shipper Class. Of the 40 billion ton-miles for the shipper group, rails accounted for 24 billion, motor carriers 10 billion, private trucks 1 billion, and all other means of transport (mostly water carrier in this instance) accounted for the balance of 5 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated less than 1 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Primary Iron and Steel Products Shipper Group and shipper classes for both years. An increase for the shipper group is indicated in the table, from 120.2 million tons in 1963 to 129 million tons in 1967. Increases also occur in each of the shipper classes.

As shown in table C, the relative distribution by means of transport for the two years is fairly stable for the shipper group and the shipper classes. Rails show a slight decrease in 1967 with the gain occurring primarily in the motor carrier share for the shipper group and classes. The largest increase in 1967 for motor carriers occurs in the Iron and Steel Castings Shipper Class. In terms of ton-miles, the distribution between means of transport remains about the same for the two years, but here, also, the rail share shows a decrease in 1967, with a small increase appearing for motor carriers and private trucks.

There is a general tendency toward longer hauls in 1967 for the shipper group, for Steel Works and Rolling Mill Products Shipper Class, and for Iron and Steel Castings Shipper Class. As shown in table D, the Miscellaneous Primary Metal Products Shipper Class is the exception with a tendency toward a shorter length of haul for the major means of transport. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond the local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in table E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 14: Primary iron and steel products	128,975	64,750	48,610	6,766	8,849
Shipper Classes:					
141. Steel works and rolling mill products	113,521	59,937	40,737	4,127	8,720
142. Iron and steel castings	12,556	3,958	6,264	2,209	125
143. Miscellaneous primary metal products	2,898	855	1,609	430	4
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 14: Primary iron and steel products	40,438	23,772	9,934	1,409	5,323
141. Steel works and rolling mills products	35,500	21,567	8,015	807	5,111
142. Iron and steel castings	4,264	1,982	1,505	568	209
143. Miscellaneous primary metal products	674	223	414	34	3

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 14: Primary iron and steel products	128,975	120,202	120,521
Shipper Classes:			
141. Steel works and rolling mill products	113,521	108,822	108,903
142. Iron and steel castings	12,556	8,971	9,035
143. Misc. primary metal products	2,898	2,409	2,583

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 14: Primary iron and steel products:					
1967	100.0	50.3	37.7	5.2	6.8
1963	100.0	52.8	36.4	4.1	6.7
Shipper Classes					
141. Steel works and rolling mill products:					
1967	100.0	52.9	35.9	3.6	7.6
1963	100.0	54.5	35.5	2.8	7.2
142. Iron and steel castings:					
1967	100.0	31.5	49.8	17.6	1.1
1963	100.0	39.4	42.4	17.2	1.0
143. Miscellaneous primary metal products:					
1967	100.0	29.5	55.6	14.8	.1
1963	100.0	32.2	53.2	12.4	2.2
TON-MILES					
Shipper Group 14. Primary iron and steel products:					
1967	100.0	58.8	24.6	3.5	13.1
1963	100.0	61.7	24.3	2.3	11.7
Shipper Classes					
141. Steel works and rolling mill products:					
1967	100.0	60.8	22.6	2.3	14.3
1963	100.0	63.3	22.5	1.6	12.6
142. Iron and steel castings:					
1967	100.0	46.6	35.3	13.3	4.8
1963	100.0	50.8	37.2	11.0	1.0
143. Miscellaneous primary metal products:					
1967	100.0	33.1	61.3	5.1	.5
1963	100.0	35.7	55.7	2.5	6.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 14: Primary iron and steel products:				
1967	314	367	204	208
1963	282	330	189	158
SHIPPER CLASSES				
141. Steel works and rolling mill products:				
1967	313	360	197	196
1963	283	328	179	161
142. Iron and steel castings:				
1967	340	501	240	257
1963	282	364	248	181
143. Miscellaneous primary metal products:				
1967	233	261	257	79
1963	276	305	289	56

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 14: Primary Iron and Steel Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	50.5	37.9	4.7	6.9
1963	100.0	50.3	41.1	4.6	4.0
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	43.9	47.7	7.1	1.3
1963	100.0	42.3	50.7	6.5	.5
200 to 399 miles:					
1967	100.0	51.3	38.2	2.6	7.9
1963	100.0	48.2	39.7	3.7	8.4
400 to 599 miles:					
1967	100.0	60.9	25.5	2.7	10.9
1963	100.0	66.3	30.5	1.7	1.5
600 miles and over:					
1967	100.0	64.0	11.1	2.7	22.2
1963	100.0	78.2	10.1	1.6	10.1
WEIGHT					
Under 1,000 pounds:					
1967	100.0	1.6	79.4	16.7	2.3
1963	100.0	2.5	78.8	16.0	2.7
1,000 to 9,999 pounds:					
1967	100.0	6.1	76.9	16.0	1.0
1963	100.0	2.1	75.1	22.3	.5
10,000 to 29,999 pounds:					
1967	100.0	9.5	73.3	16.1	1.1
1963	100.0	5.1	75.4	18.9	.6
30,000 to 59,999 pounds:					
1967	100.0	9.2	80.7	9.0	1.1
1963	100.0	9.0	83.0	7.0	1.0
60,000 to 89,999 pounds:					
1967	100.0	74.2	21.0	2.1	2.7
1963	100.0	78.4	17.6	.3	3.7
90,000 pounds and over:					
1967	100.0	78.8	8.3	.6	12.3
1963	100.0	89.2	3.4	.1	7.3

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 14: Primary Iron and Steel Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	50.3	37.7	5.2	6.8
1963	100.0	52.8	36.4	4.1	6.7
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	4.5	68.2	22.7	4.6
20 to 99 employees:					
1967	100.0	38.9	40.7	20.4	-
1963	100.0	18.6	45.9	33.5	2 0
100 to 499 employees:					
1967	100.0	59.3	28.0	9.8	2.9
1963	100.0	49.4	41.9	7.0	1.7
500 employees and over:					
1967	100.0	48.6	39.8	3.7	7.9
1963	100.0	54.2	35.1	2.9	7.8

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 14: Primary Iron and Steel Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	50.3	37.7	5.2	6.8
1963	100.0	52.8	36.4	4.1	6.7
Middle Atlantic:					
1967	100.0	52.2	33.3	4.3	10.2
1963	100.0	61.6	32.1	1.5	4.8
East North Central:					
1967	100.0	47.6	44.4	4.4	3.6
1963	100.0	47.9	42.1	5.2	4.8
West North Central:					
1967	100.0	52.3	37.5	10.1	.1
1963	100.0	54.0	42.3	2.8	.9
South Atlantic, East South Central, and West South Central:					
1967	100.0	54.1	27.0	7.0	11.9
1963	100.0	45.6	29.3	5.9	19.2
Mountain and Pacific:					
1967	100.0	52.3	38.5	8.4	.8
1963	100.0	62.4	32.6	4.8	.2

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 14: PRIMARY IRON AND STEEL PRODUCTS		
Total shipments	128,975	4.6
Shipments by--		
Rail	64,750	8.2
Motor carrier	48,610	3.8
Private truck	6,766	9.6
All other	8,849	-
Shipments from--		
New England Division	873	35.0
Middle Atlantic Division	33,659	4.4
East North Central Division	58,796	8.2
West North Central Division	1,571	24.4
South Atlantic Division	11,367	22.2
East South Central Division	12,229	24.2
West South Central Division	3,184	23.8
Mountain Division	2,657	13.2
Pacific Division	4,639	11.6
SHIPPER CLASS 141: STEEL WORKS AND ROLLING MILL PRODUCTS		
Total shipments	113,521	5.4
Shipments by--		
Rail	59,937	9.0
Motor carrier	40,737	4.0
Private truck	4,127	17.4
All other	8,720	-
Shipments from--		
New England Division	696	41.8
Middle Atlantic Division	31,411	5.0
East North Central Division	51,705	9.6
West North Central Division	1,222	29.8
South Atlantic Division	10,534	23.6
East South Central Division	8,673	34.8
West South Central Division	2,808	27.4
Mountain Division	2,469	10.6
Pacific Division	4,003	12.2
SHIPPER CLASS 142: IRON AND STEEL CASTINGS		
Total shipments	12,556	7.0
Shipments by--		
Rail	3,958	10.8
Motor carrier	6,264	7.8
Private truck	2,209	11.0
All other	125	-
Shipments from--		
New England Division	84	41.8
Middle Atlantic Division	1,615	26.2
East North Central Division	5,283	7.6
West North Central Division	341	26.8
South Atlantic Division	834	8.4
East South Central Division	3,267	13.2
West South Central Division	334	16.4
Mountain Division	188	97.0
Pacific Division	610	38.4
SHIPPER CLASS 143: MISCELLANEOUS PRIMARY METAL PRODUCTS		
Total shipments	2,898	14.2
Shipments by--		
Rail	855	25.6
Motor carrier	1,609	14.0
Private truck	430	47.6
All other	4	-
Shipments from--		
New England Division	93	43.8
Middle Atlantic Division	633	37.0
East North Central Division	1,808	13.4
Pacific Division	26	39.6
Balance of United States	338	-

TABLE 1. SHIPPER GROUP 14--Percent Distribution of Distance, by Means of Transport: 1967

Primary Iron and Steel Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	128,975	100.0	50.3	37.7	5.2	-	6.7	-	0.1
Under 50 miles	19,014	100.0	43.8	45.9	9.1	-	.9	-	.3
50 to 99 miles	17,246	100.0	41.7	49.7	7.6	-	.9	0.1	-
100 to 199 miles	23,718	100.0	45.0	47.2	6.2	0.2	1.3	-	.1
200 to 299 miles	26,185	100.0	53.8	34.7	3.2	-	8.2	-	.1
300 to 399 miles	12,680	100.0	45.3	45.9	2.8	-	6.0	-	-
400 to 499 miles	8,277	100.0	56.3	26.2	2.4	-	15.1	-	-
500 to 599 miles	5,372	100.0	67.0	22.8	6.4	-	3.6	.2	-
600 to 799 miles	5,565	100.0	58.5	21.1	5.2	-	15.1	.1	-
800 to 999 miles	4,455	100.0	68.2	7.1	3.6	-	21.1	-	-
1,000 to 1,199 miles	2,660	100.0	33.9	4.4	1.1	-	60.6	-	-
1,200 to 1,499 miles	715	100.0	81.4	10.9	.7	-	6.9	-	.1
1,500 to 1,999 miles	1,587	100.0	96.3	2.5	.7	-	.5	-	-
2,000 miles and over	1,501	100.0	79.2	6.8	1.9	-	11.9	.2	-
	(millions of ton-miles)								
TON-MILES									
Total	40,438	100.0	58.8	24.6	3.5	-	13.0	.1	-
Under 50 miles	501	100.0	42.0	48.3	8.7	-	.7	-	.3
50 to 99 miles	1,263	100.0	42.4	48.7	7.7	-	1.1	.1	-
100 to 199 miles	3,534	100.0	46.2	46.1	5.8	.2	1.6	-	.1
200 to 299 miles	6,312	100.0	53.8	34.9	3.2	-	8.0	-	.1
300 to 399 miles	4,379	100.0	45.4	45.9	2.8	-	5.9	-	-
400 to 499 miles	3,655	100.0	56.5	26.0	2.4	-	15.1	-	-
500 to 599 miles	2,949	100.0	67.1	22.7	6.4	-	3.6	.2	-
600 to 799 miles	3,808	100.0	57.9	21.1	5.2	-	15.7	.1	-
800 to 999 miles	3,900	100.0	67.2	7.2	3.6	-	22.0	-	-
1,000 to 1,199 miles	2,896	100.0	33.7	4.4	1.1	-	60.8	-	-
1,200 to 1,499 miles	945	100.0	81.7	10.8	.7	-	6.7	-	.1
1,500 to 1,999 miles	2,838	100.0	96.4	2.4	.7	-	.5	-	-
2,000 miles and over	3,458	100.0	77.4	6.8	1.8	-	13.8	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 14--Percent Distribution of Weight, by Means of Transport: 1967

Primary Iron and Steel Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	124,844	100.0	50.5	37.9	4.7	6.8	0.1
Under 1,000 pounds	327	100.0	1.6	79.4	16.7	.2	2.1
Under 50 pounds	5	100.0	1.5	55.1	17.8	-	25.6
50 to 99 pounds	9	100.0	1.2	76.3	14.7	.1	7.7
100 to 199 pounds	25	100.0	1.1	79.3	15.6	.2	3.8
200 to 499 pounds	103	100.0	1.4	80.0	16.5	.1	2.0
500 to 999 pounds	185	100.0	1.7	80.2	17.0	.2	.9
1,000 to 9,999 pounds	3,204	100.0	6.1	76.9	16.0	.6	.4
1,000 to 1,999 pounds	361	100.0	2.3	79.7	17.0	.2	.8
2,000 to 2,999 pounds	376	100.0	4.6	78.2	16.0	.3	.9
3,000 to 3,999 pounds	335	100.0	4.6	79.5	15.0	.5	.4
4,000 to 4,999 pounds	336	100.0	4.3	79.3	15.7	.4	.3
5,000 to 9,999 pounds	1,796	100.0	7.7	75.3	16.0	.7	.3
10,000 to 29,999 pounds	7,553	100.0	9.5	73.3	16.1	.9	.2
10,000 to 19,999 pounds	3,377	100.0	9.3	72.5	16.6	1.4	.2
20,000 to 29,999 pounds	4,176	100.0	9.7	73.7	15.8	.6	.2
30,000 to 59,999 pounds	38,883	100.0	9.2	80.7	9.0	.9	.2
30,000 to 39,999 pounds	10,822	100.0	6.9	77.0	14.9	1.0	.2
40,000 to 49,999 pounds	21,466	100.0	6.2	85.5	7.7	.6	-
50,000 to 59,999 pounds	6,595	100.0	22.9	71.9	3.5	1.6	.1
60,000 to 89,999 pounds	10,930	100.0	74.2	21.0	2.1	2.6	.1
60,000 to 69,999 pounds	2,916	100.0	58.9	32.4	5.1	3.3	.3
70,000 to 79,999 pounds	3,548	100.0	75.1	20.4	.8	3.6	.1
80,000 to 89,999 pounds	4,466	100.0	83.3	14.0	1.2	1.5	-
90,000 pounds and over	63,947	100.0	78.8	8.3	.6	12.1	.2
TON-MILES	(millions of ton-miles)						
Total	39,018	100.0	59.3	24.6	2.9	13.1	.1
Under 1,000 pounds	109	100.0	5.1	83.7	6.0	.3	4.9
Under 50 pounds	2	100.0	3.2	58.9	2.6	-	35.3
50 to 99 pounds	3	100.0	3.5	82.4	3.8	-	10.3
100 to 199 pounds	9	100.0	3.7	83.3	5.0	.7	7.3
200 to 499 pounds	36	100.0	5.2	83.6	6.0	.2	5.0
500 to 999 pounds	59	100.0	5.3	84.9	6.3	.3	3.2
1,000 to 9,999 pounds	931	100.0	13.7	76.5	7.8	1.1	.9
1,000 to 1,999 pounds	111	100.0	9.2	83.8	5.5	.6	.9
2,000 to 2,999 pounds	122	100.0	12.6	77.7	5.9	.9	2.9
3,000 to 3,999 pounds	104	100.0	6.3	82.9	9.4	.9	.5
4,000 to 4,999 pounds	97	100.0	8.1	84.2	6.9	.6	.2
5,000 to 9,999 pounds	497	100.0	17.7	71.5	8.7	1.5	.6
10,000 to 29,999 pounds	1,875	100.0	15.6	69.6	11.8	2.6	.4
10,000 to 19,999 pounds	852	100.0	16.4	69.0	11.2	2.9	.5
20,000 to 29,999 pounds	1,023	100.0	14.9	70.2	12.3	2.3	.3
30,000 to 59,999 pounds	8,944	100.0	19.0	69.0	8.0	3.8	.2
30,000 to 39,999 pounds	2,474	100.0	12.6	70.0	13.8	3.2	.4
40,000 to 49,999 pounds	4,885	100.0	14.7	74.7	7.3	3.3	-
50,000 to 59,999 pounds	1,585	100.0	42.4	49.9	1.1	6.5	.1
60,000 to 89,999 pounds	4,639	100.0	81.6	11.0	1.9	5.5	-
60,000 to 69,999 pounds	1,002	100.0	72.9	16.5	6.3	4.3	-
70,000 to 79,999 pounds	1,658	100.0	78.8	10.2	.9	10.0	.1
80,000 to 89,999 pounds	1,979	100.0	88.4	8.8	.5	2.3	-
90,000 pounds and over	22,520	100.0	76.3	3.7	.2	19.8	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 14--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Primary Iron and Steel Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total[1]	124,844	100.0	50.5	37.9	4.7	6.8	0.1
Under 200 miles	58,489	100.0	43.9	47.7	7.1	1.1	.2
Under 1,000 pounds	168	100.0	.6	72.6	25.5	.2	1.1
1,000 to 9,999 pounds	1,709	100.0	3.5	73.2	22.6	.3	.4
10,000 to 29,999 pounds	4,071	100.0	8.0	70.9	20.8	.2	.1
30,000 to 59,999 pounds	22,155	100.0	5.2	83.8	10.8	-	.2
60,000 to 89,999 pounds	4,371	100.0	63.6	31.9	3.5	.8	.2
90,000 pounds and over	26,015	100.0	82.0	14.1	1.2	2.3	.4
200 to 399 miles	37,478	100.0	51.3	38.2	2.6	7.8	.1
Under 1,000 pounds	70	100.0	.5	86.5	11.6	-	1.4
1,000 to 9,999 pounds	802	100.0	4.6	83.6	11.2	.5	.1
10,000 to 29,999 pounds	2,210	100.0	7.0	81.3	10.7	.8	.2
30,000 to 59,999 pounds	11,224	100.0	7.6	87.0	5.2	.2	-
60,000 to 89,999 pounds	2,868	100.0	74.8	22.8	.9	1.5	-
90,000 pounds and over	20,304	100.0	79.0	6.8	.2	13.9	.1
400 to 599 miles	13,032	100.0	60.9	25.5	2.7	10.8	.1
Under 1,000 pounds	35	100.0	3.5	89.0	5.2	-	2.3
1,000 to 9,999 pounds	334	100.0	7.3	84.8	6.1	1.3	.5
10,000 to 29,999 pounds	699	100.0	13.7	74.2	10.8	1.0	.3
30,000 to 59,999 pounds	3,110	100.0	19.8	69.1	8.0	2.9	.2
60,000 to 89,999 pounds	1,425	100.0	86.4	10.4	.3	2.7	.2
90,000 pounds and over	7,429	100.0	80.5	2.5	-	17.0	-
600 to 999 miles	9,487	100.0	63.1	15.2	3.8	17.8	.1
Under 1,000 pounds	34	100.0	1.2	91.0	3.6	-	4.2
1,000 to 9,999 pounds	223	100.0	14.8	77.6	5.8	1.3	.5
10,000 to 29,999 pounds	429	100.0	19.1	64.9	11.0	4.3	.7
30,000 to 59,999 pounds	1,820	100.0	32.8	47.1	14.0	5.9	.2
60,000 to 89,999 pounds	1,194	100.0	85.4	4.8	1.6	8.2	-
90,000 pounds and over	5,787	100.0	73.6	.7	.4	25.3	-
1,000 miles and over	6,358	100.0	65.4	5.0	1.0	28.5	.1
Under 1,000 pounds	20	100.0	10.7	78.2	1.8	.6	8.7
1,000 to 9,999 pounds	136	100.0	29.0	64.3	2.7	1.9	2.1
10,000 to 29,999 pounds	145	100.0	40.8	36.4	8.5	13.6	.7
30,000 to 59,999 pounds	574	100.0	65.4	11.7	3.4	19.5	-
60,000 to 89,999 pounds	1,072	100.0	86.9	3.6	2.7	6.8	-
90,000 pounds and over	4,411	100.0	62.3	1.3	-	36.4	-
	(millions of ton-miles)						
TON-MILES							
Total[1]	39,018	100.0	59.3	24.6	2.9	13.1	.1
Under 200 miles	5,148	100.0	44.8	47.3	6.3	1.4	.2
Under 1,000 pounds	13	100.0	.5	82.2	15.8	.4	1.1
1,000 to 9,999 pounds	144	100.0	4.2	78.0	16.9	.5	.4
10,000 to 29,999 pounds	364	100.0	8.3	73.6	17.6	.4	.1
30,000 to 59,999 pounds	2,038	100.0	5.8	83.5	10.4	-	.3
60,000 to 89,999 pounds	388	100.0	64.9	32.0	2.8	.2	.1
90,000 pounds and over	2,201	100.0	86.3	9.6	.5	3.2	.4
200 to 399 miles	10,302	100.0	50.6	39.3	2.6	7.4	.1
Under 1,000 pounds	20	100.0	.6	87.6	10.4	-	1.4
1,000 to 9,999 pounds	229	100.0	4.5	84.5	10.4	.5	.1
10,000 to 29,999 pounds	620	100.0	7.2	81.4	10.5	.7	.2
30,000 to 59,999 pounds	3,155	100.0	8.1	86.5	5.2	.2	-
60,000 to 89,999 pounds	817	100.0	75.8	21.8	.7	1.7	-
90,000 pounds and over	5,461	100.0	78.4	7.8	.2	13.5	.1

See footnote at end of table.

TABLE 3. SHIPPER GROUP 14--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Primary Iron and Steel Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(millions of ton-miles)						
TON-MILES--Continued							
400 to 599 miles	6,280	100.0	61.8	25.2	2.7	10.2	0.1
Under 1,000 pounds	17	100.0	3.2	89.6	5.0	-	2.2
1,000 to 9,999 pounds	160	100.0	7.3	84.8	6.1	1.2	.6
10,000 to 29,999 pounds	335	100.0	13.9	73.6	11.2	1.0	.3
30,000 to 59,999 pounds	1,497	100.0	20.3	68.5	8.1	2.9	.2
60,000 to 89,999 pounds	703	100.0	86.3	10.5	.3	2.6	.3
90,000 pounds and over	3,568	100.0	81.6	2.4	-	16.0	-
600 to 999 miles	7,341	100.0	62.8	14.3	3.7	19.1	.1
Under 1,000 pounds	26	100.0	1.2	90.5	3.7	-	4.6
1,000 to 9,999 pounds	167	100.0	15.3	77.3	5.4	1.5	.5
10,000 to 29,999 pounds	325	100.0	19.8	64.0	11.0	4.6	.6
30,000 to 59,999 pounds	1,338	100.0	32.8	46.0	14.5	6.5	.2
60,000 to 89,999 pounds	901	100.0	84.8	4.9	1.5	8.8	-
90,000 pounds and over	4,584	100.0	72.3	.7	.4	26.6	-
1,000 miles and over	9,947	100.0	71.3	5.1	1.0	22.5	.1
Under 1,000 pounds	34	100.0	13.4	74.2	1.7	.7	10.0
1,000 to 9,999 pounds	230	100.0	32.1	61.1	2.5	1.8	2.5
10,000 to 29,999 pounds	232	100.0	46.0	34.1	8.5	10.5	.9
30,000 to 59,999 pounds	915	100.0	64.1	10.9	2.6	22.4	-
60,000 to 89,999 pounds	1,830	100.0	84.4	4.9	2.9	7.8	-
90,000 pounds and over	6,706	100.0	71.1	1.1	-	27.8	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 14--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Primary Iron and Steel Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	128,975	100.0	50.3	37.7	5.2	-	6.7	-	0.1
New England	873	100.0	17.1	77.2	4.8	-	.8	0.1	-
Middle Atlantic	33,659	100.0	52.2	33.3	4.3	-	10.1	-	.1
East North Central	58,796	100.0	47.6	44.4	4.4	-	3.6	-	-
West North Central	1,571	100.0	52.3	37.5	10.1	-	-	-	.1
South Atlantic	11,367	100.0	46.3	32.5	2.4	-	18.3	-	.5
East South Central	12,229	100.0	68.2	22.6	6.1	0.4	2.3	.3	.1
West South Central	3,184	100.0	26.4	24.7	27.3	-	21.6	-	-
Mountain[1]	2,657	-	-	-	-	-	-	-	-
Pacific[2]	4,639	100.0	39.6	51.6	7.7	-	.9	-	.2
	(millions of ton-miles)								
TON-MILES									
U.S. total	40,438	100.0	58.8	24.6	3.5	-	13.0	.1	-
New England	310	100.0	29.9	65.7	2.2	-	1.8	.4	-
Middle Atlantic	10,740	100.0	56.1	23.3	1.5	-	18.9	.1	.1
East North Central	14,697	100.0	57.6	30.0	2.3	-	10.1	-	-
West North Central	707	100.0	66.3	27.9	5.6	-	-	-	.2
South Atlantic	4,310	100.0	48.9	19.4	2.1	-	29.5	-	.1
East South Central	4,915	100.0	72.8	16.5	6.3	.1	4.0	.2	.1
West South Central	1,203	100.0	37.0	19.5	28.5	-	14.9	-	.1
Mountain[1]	1,349	-	-	-	-	-	-	-	-
Pacific[2]	2,207	100.0	67.7	25.2	2.5	-	4.6	-	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 14-- Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Primary Iron and Steel Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	128,975	128,975	3,024	24,977	59,143	6,724	7,727	8,766	9,167	2,308	7,139
Ton-miles.....millions..	40,438	40,438	1,085	5,402	10,974	3,138	2,373	2,724	6,728	1,502	6,512
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	128,975	100.0	2.3	19.4	45.9	5.2	6.0	6.8	7.1	1.8	5.5
Shipments from--											
New England.....	873	100.0	35.6	37.5	12.6	2.0	5.9	1.4	1.6	.3	3.1
Middle Atlantic.....	33,659	100.0	4.8	38.0	35.6	3.1	7.6	4.8	3.7	.4	2.0
East North Central.....	58,796	100.0	.8	9.4	69.3	6.8	3.2	3.9	4.7	.5	1.4
West North Central.....	1,571	100.0	.3	2.9	31.4	38.4	2.2	1.2	9.3	6.5	7.8
South Atlantic.....	11,367	100.0	4.6	35.1	25.6	1.2	15.3	6.3	8.9	.4	2.6
East South Central.....	12,229	100.0	.7	17.8	22.1	3.9	11.4	30.2	10.0	1.4	2.5
West South Central.....	3,184	100.0	-	.5	5.3	5.2	1.3	6.4	69.2	8.7	3.4
Mountain[2].....	2,657	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	4,639	100.0	.1	1.4	3.3	.8	.5	2.7	4.5	5.8	80.9
TON-MILES	(millions)										
U.S. total.....	40,438	100.0	2.7	13.4	27.1	7.8	5.9	6.7	16.6	3.7	16.1
Shipments from--											
New England.....	310	100.0	6.2	18.5	24.3	6.6	10.7	3.6	6.1	1.4	22.6
Middle Atlantic.....	10,740	100.0	5.0	15.1	29.5	7.3	6.3	7.4	12.1	2.2	15.1
East North Central.....	14,697	100.0	1.8	11.5	35.9	10.6	3.9	6.0	16.8	2.7	10.8
West North Central.....	707	100.0	.7	5.0	22.8	19.9	3.9	1.3	9.7	11.3	25.4
South Atlantic.....	4,310	100.0	3.8	12.6	22.1	2.7	11.6	4.4	25.8	1.9	15.1
East South Central.....	4,915	100.0	1.5	25.4	19.0	6.0	9.8	8.9	12.7	3.6	13.1
West South Central.....	1,203	100.0	-	1.2	10.5	8.0	2.5	7.0	47.1	10.9	12.8
Mountain[2].....	1,349	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	2,207	100.0	.6	6.7	12.6	2.8	2.3	10.6	14.3	5.8	44.3

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 14--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Primary Iron and Steel Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	128,975	100.0	50.3	37.7	5.2	-	6.7	-	0.1
Middle Atlantic, total	33,659	100.0	52.2	33.3	4.3	-	10.1	-	.1
Shipments to--									
New England	1,612	100.0	68.6	26.6	4.7	-	-	0.1	-
Middle Atlantic	12,787	100.0	54.1	36.0	8.8	-	1.1	-	-
East North Central	11,999	100.0	46.5	40.8	.6	-	11.8	-	.3
West North Central	1,036	100.0	57.8	15.2	.1	-	26.9	-	-
South Atlantic	2,542	100.0	62.9	30.1	6.6	-	.4	-	-
East South Central	1,612	100.0	38.3	14.6	.2	-	46.9	-	-
West South Central	1,242	100.0	40.2	3.7	.2	-	55.9	-	-
East North Central, total	58,796	100.0	47.6	44.4	4.4	-	3.6	-	-
Shipments to--									
Middle Atlantic	5,555	100.0	51.8	46.9	1.3	-	-	-	-
East North Central	40,594	100.0	43.5	50.1	5.6	-	.8	-	-
West North Central	4,020	100.0	60.8	32.2	4.2	-	2.8	-	-
South Atlantic	1,894	100.0	53.9	44.5	1.5	-	-	-	.1
East South Central	2,317	100.0	61.8	21.9	1.7	-	14.6	-	-
West South Central	2,782	100.0	42.3	8.9	.4	-	48.4	-	-
South Atlantic, total	11,367	100.0	46.3	32.5	2.4	-	18.3	-	.5
Shipments to--									
Middle Atlantic	3,982	100.0	47.3	48.8	2.6	-	-	-	1.3
East North Central	2,915	100.0	42.5	36.7	.1	-	20.7	-	-
South Atlantic	1,739	100.0	66.0	24.4	6.6	-	2.9	.1	-
East South Central, total	12,229	100.0	68.2	22.6	6.1	0.4	2.3	.3	.1
Shipments to--									
East North Central	2,706	100.0	51.8	40.4	3.0	-	4.2	.3	.3
South Atlantic	1,400	100.0	61.8	27.9	9.7	-	-	.6	-
East South Central	3,697	100.0	69.4	21.3	7.8	1.2	-	.3	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	40,438	100.0	58.8	24.6	3.5	-	13.0	.1	-
Middle Atlantic, total	10,740	100.0	56.1	23.3	1.5	-	18.9	.1	.1
Shipments to--									
New England	540	100.0	72.8	23.7	3.4	-	-	.1	-
Middle Atlantic	1,626	100.0	55.4	38.6	5.8	-	.2	-	-
East North Central	3,163	100.0	46.4	37.8	.3	-	15.2	-	.3
West North Central	781	100.0	60.1	14.4	.2	-	25.3	-	-
South Atlantic	677	100.0	70.7	24.6	4.7	-	-	-	-
East South Central	798	100.0	43.1	12.8	.2	-	43.9	-	-
West South Central	1,295	100.0	42.3	3.8	.2	-	53.7	-	-
East North Central, total	14,697	100.0	57.6	30.0	2.3	-	10.1	-	-
Shipments to--									
Middle Atlantic	1,690	100.0	56.7	42.4	.9	-	-	-	-
East North Central	5,278	100.0	48.3	47.0	3.8	-	.9	-	-
West North Central	1,559	100.0	64.0	29.3	3.9	-	2.8	-	-
South Atlantic	569	100.0	62.1	35.0	2.7	-	-	-	.2
East South Central	884	100.0	64.8	16.4	1.7	-	17.1	-	-
West South Central	2,467	100.0	41.4	8.2	.3	-	50.1	-	-
South Atlantic, total	4,310	100.0	48.9	19.4	2.1	-	29.5	-	.1
Shipments to--									
Middle Atlantic	543	100.0	39.6	57.3	2.4	-	-	-	.7
East North Central	953	100.0	50.9	34.3	.2	-	14.6	-	-
South Atlantic	500	100.0	74.6	13.4	3.8	-	8.2	-	-
East South Central, total	4,915	100.0	72.8	16.5	6.3	.1	4.0	.2	.1
Shipments to--									
East North Central	935	100.0	52.9	38.8	4.1	-	3.6	.5	.1
South Atlantic	484	100.0	67.8	22.6	9.0	-	-	.6	-
East South Central	436	100.0	64.1	23.2	10.7	1.5	-	.5	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER GROUP 14--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Primary Iron and Steel Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	128,975	3,501	22,892	102,582	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	40,438	707	7,135	32,596
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	50.3	38.9	59.3	48.6	58.8	48.6	66.1	57.3
Motor carrier.....	37.7	40.7	28.0	39.8	24.6	37.3	21.0	25.1
Private truck.....	5.2	20.4	9.8	3.7	3.5	14.1	6.1	2.7
Air.....	-	-	.2	-	-	-	.1	-
Water.....	6.7	-	2.7	7.8	13.0	-	6.6	14.7
Other.....	-	-	-	-	.1	-	.1	.1
Unknown.....	.1	-	-	.1	-	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	28.2	54.1	27.8	27.2	4.4	16.1	4.2	4.1
100 to 199 miles.....	18.4	11.6	17.7	18.8	8.7	8.1	8.4	8.8
200 to 299 miles.....	20.3	6.7	24.8	19.8	15.6	8.0	19.3	15.0
300 to 399 miles.....	9.8	6.4	7.5	10.5	10.8	11.0	8.4	11.4
400 to 499 miles.....	6.4	14.1	3.8	6.7	9.0	29.9	5.4	9.4
500 to 999 miles.....	11.9	6.4	14.7	11.5	26.4	21.9	32.8	25.0
1,000 miles and over.....	5.0	.7	3.7	5.5	25.1	5.0	21.5	26.3

Table 8. SHIPPER GROUP 14--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Primary Iron and Steel Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	74.8	60.3	83.7	94.7
Highway facilities.....	84.3	82.0	89.3	77.9
Rail and highway facilities.....	60.4	43.6	74.1	74.3
Air facilities.....	69.7	56.9	81.0	77.8
Rail, highway, and air facilities.....	45.0	23.9	64.1	57.2
Water facilities.....	26.6	22.5	26.8	37.8
Rail, highway, air, and water facilities.	14.2	4.4	20.7	26.4

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 141--Percent Distribution of Distance, by Means of Transport: 1967

Steel Works and Rolling Mill Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	113,521	100.0	52.9	35.9	3.6	-	7.5	-	0.1
Under 50 miles	17,179	100.0	46.4	45.6	6.7	-	1.0	-	.3
50 to 99 miles	14,771	100.0	46.0	48.2	4.8	-	1.0	-	-
100 to 199 miles	20,381	100.0	49.0	44.7	4.5	0.2	1.5	-	.1
200 to 299 miles	23,784	100.0	56.0	32.7	2.2	-	9.0	-	.1
300 to 399 miles	11,413	100.0	46.6	44.5	2.2	-	6.7	-	-
400 to 499 miles	7,351	100.0	57.7	23.4	1.9	-	17.0	-	-
500 to 599 miles	4,279	100.0	69.0	20.4	6.1	-	4.5	-	-
600 to 799 miles	4,441	100.0	60.9	17.3	2.9	-	18.9	-	-
800 to 999 miles	4,018	100.0	70.8	5.5	.5	-	23.2	-	-
1,000 to 1,199 miles	2,551	100.0	33.3	3.4	.2	-	63.1	-	-
1,200 to 1,499 miles	689	100.0	83.3	9.7	.2	-	6.8	-	-
1,500 to 1,999 miles	1,335	100.0	97.8	1.3	.3	-	.6	-	-
2,000 miles and over	1,329	100.0	82.9	5.4	2.2	-	9.2	0.3	-
TON-MILES	(millions of ton-miles)								
Total	35,500	100.0	60.8	22.6	2.3	-	14.3	-	-
Under 50 miles	450	100.0	44.2	48.3	6.4	-	.8	-	.3
50 to 99 miles	1,073	100.0	47.2	46.7	4.8	-	1.3	-	-
100 to 199 miles	3,053	100.0	50.2	43.5	4.2	.2	1.8	-	.1
200 to 299 miles	5,728	100.0	56.1	32.9	2.1	-	8.8	-	.1
300 to 399 miles	3,935	100.0	46.6	44.6	2.2	-	6.6	-	-
400 to 499 miles	3,243	100.0	58.0	23.1	1.9	-	17.0	-	-
500 to 599 miles	2,345	100.0	69.1	20.2	6.1	-	4.6	-	-
600 to 799 miles	3,050	100.0	60.0	17.4	2.9	-	19.7	-	-
800 to 999 miles	3,518	100.0	69.7	5.6	.6	-	24.1	-	-
1,000 to 1,199 miles	2,777	100.0	33.1	3.4	.2	-	63.3	-	-
1,200 to 1,499 miles	910	100.0	83.8	9.5	.2	-	6.5	-	-
1,500 to 1,999 miles	2,388	100.0	97.8	1.3	.3	-	.6	-	-
2,000 miles and over	3,030	100.0	82.3	5.5	2.0	-	10.0	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 141--Percent Distribution of Weight, by Means of Transport: 1967

Steel Works and Rolling Mill Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	110,067	100.0	53.0	36.0	3.3	7.6	0.1
Under 1,000 pounds	99	100.0	3.5	87.5	6.8	.4	1.8
Under 50 pounds	1	100.0	1.9	68.0	3.3	-	26.8
50 to 99 pounds	2	100.0	1.6	83.2	5.7	.5	9.0
100 to 199 pounds	6	100.0	2.2	90.4	4.0	.3	3.1
200 to 499 pounds	30	100.0	3.3	89.4	5.2	.3	1.8
500 to 999 pounds	60	100.0	3.9	86.8	7.9	.4	1.0
1,000 to 9,999 pounds	1,673	100.0	10.2	80.8	7.5	1.1	.4
1,000 to 1,999 pounds	121	100.0	4.9	87.4	6.7	.5	.5
2,000 to 2,999 pounds	158	100.0	8.8	82.9	6.4	.8	1.1
3,000 to 3,999 pounds	146	100.0	9.1	83.3	6.2	1.1	.3
4,000 to 4,999 pounds	171	100.0	7.3	84.8	6.9	.8	.2
5,000 to 9,999 pounds	1,077	100.0	11.7	79.0	8.0	1.2	.1
10,000 to 29,999 pounds	5,496	100.0	11.6	75.6	11.3	1.3	.2
10,000 to 19,999 pounds	2,330	100.0	12.0	75.5	10.3	2.1	.1
20,000 to 29,999 pounds	3,166	100.0	11.3	75.9	12.0	.7	.1
30,000 to 59,999 pounds	33,035	100.0	9.3	82.4	7.2	1.0	.1
30,000 to 39,999 pounds	8,754	100.0	7.3	79.4	12.0	1.1	.2
40,000 to 49,999 pounds	18,367	100.0	6.5	86.8	6.1	.6	-
50,000 to 59,999 pounds	5,914	100.0	21.2	73.8	3.3	1.7	-
60,000 to 89,999 pounds	9,334	100.0	74.3	20.5	2.0	3.1	.1
60,000 to 69,999 pounds	2,428	100.0	58.7	31.8	5.2	3.9	.4
70,000 to 79,999 pounds	3,021	100.0	73.7	21.5	.7	4.1	-
80,000 to 89,999 pounds	3,885	100.0	84.5	12.8	1.0	1.7	-
90,000 pounds and over	60,430	100.0	78.5	8.0	.6	12.7	.2
TON-MILES	(millions of ton-miles)						
Total	34,264	100.0	61.1	22.6	1.9	14.4	-
Under 1,000 pounds	43	100.0	10.2	81.4	3.4	.1	4.9
Under 50 pounds	-	-	-	-	-	-	-
50 to 99 pounds	1	100.0	3.0	80.3	2.3	.2	14.2
100 to 199 pounds	3	100.0	7.5	85.2	.9	.1	6.3
200 to 499 pounds	13	100.0	10.7	80.6	2.6	.1	6.0
500 to 999 pounds	26	100.0	10.5	82.2	4.1	.1	3.1
1,000 to 9,999 pounds	562	100.0	19.9	72.4	5.2	1.7	.8
1,000 to 1,999 pounds	50	100.0	14.3	81.4	2.5	.7	1.1
2,000 to 2,999 pounds	64	100.0	20.0	69.7	4.1	1.8	4.4
3,000 to 3,999 pounds	51	100.0	10.6	78.8	9.0	.8	.8
4,000 to 4,999 pounds	55	100.0	10.9	83.3	4.8	1.0	-
5,000 to 9,999 pounds	342	100.0	23.6	68.8	5.4	2.0	.2
10,000 to 29,999 pounds	1,404	100.0	18.4	69.6	8.3	3.4	.3
10,000 to 19,999 pounds	630	100.0	19.8	69.4	6.5	3.9	.4
20,000 to 29,999 pounds	774	100.0	17.3	69.8	9.8	3.0	.1
30,000 to 59,999 pounds	7,300	100.0	19.6	71.0	5.3	4.1	-
30,000 to 39,999 pounds	1,904	100.0	13.3	72.9	9.7	4.0	.1
40,000 to 49,999 pounds	4,067	100.0	16.2	76.1	4.6	3.1	-
50,000 to 59,999 pounds	1,329	100.0	38.9	52.6	1.0	7.5	-
60,000 to 89,999 pounds	3,876	100.0	81.1	10.7	1.8	6.4	-
60,000 to 69,999 pounds	795	100.0	71.2	16.0	7.3	5.5	-
70,000 to 79,999 pounds	1,386	100.0	77.0	10.8	.7	11.5	-
80,000 to 89,999 pounds	1,695	100.0	89.2	8.2	-	2.6	-
90,000 pounds and over	21,061	100.0	75.9	3.5	.1	20.5	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 141--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Steel Works and Rolling Mill Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total[1]	110,067	100.0	53.0	36.0	3.3	7.6	0.1
Under 200 miles	51,280	100.0	47.3	46.0	5.3	1.2	.2
Under 1,000 pounds	38	100.0	1.4	85.5	11.6	1.0	.5
1,000 to 9,999 pounds	758	100.0	7.0	81.9	10.4	.6	.1
10,000 to 29,999 pounds	2,803	100.0	10.4	74.3	15.0	.3	-
30,000 to 59,999 pounds	19,141	100.0	5.4	85.2	9.3	-	.1
60,000 to 89,999 pounds	3,925	100.0	65.3	30.1	3.4	.9	.3
90,000 pounds and over	24,615	100.0	82.4	13.6	1.2	2.4	.4
200 to 399 miles	33,927	100.0	53.3	36.3	1.7	8.6	.1
Under 1,000 pounds	24	100.0	.7	96.7	1.9	-	.7
1,000 to 9,999 pounds	476	100.0	7.1	87.7	4.4	.8	-
10,000 to 29,999 pounds	1,754	100.0	7.9	83.2	7.8	1.0	.1
30,000 to 59,999 pounds	9,738	100.0	7.7	88.2	3.8	.3	-
60,000 to 89,999 pounds	2,592	100.0	75.9	21.7	.7	1.7	-
90,000 pounds and over	19,343	100.0	78.4	6.6	.2	14.6	.2
400 to 599 miles	11,039	100.0	62.6	22.8	1.9	12.7	-
Under 1,000 pounds	14	100.0	6.5	82.2	8.7	-	2.6
1,000 to 9,999 pounds	220	100.0	9.7	81.2	6.5	2.0	.6
10,000 to 29,999 pounds	521	100.0	16.1	75.0	7.2	1.3	.4
30,000 to 59,999 pounds	2,441	100.0	20.8	68.9	6.5	3.7	.1
60,000 to 89,999 pounds	943	100.0	84.6	11.3	-	4.1	-
90,000 pounds and over	6,900	100.0	79.5	2.2	-	18.3	-
600 to 999 miles	8,002	100.0	65.6	11.9	1.5	21.0	-
Under 1,000 pounds	14	100.0	.5	93.6	3.9	-	2.0
1,000 to 9,999 pounds	131	100.0	22.2	69.0	6.6	2.2	-
10,000 to 29,999 pounds	308	100.0	22.6	66.1	5.4	5.9	-
30,000 to 59,999 pounds	1,216	100.0	37.3	49.4	5.4	7.9	-
60,000 to 89,999 pounds	906	100.0	85.1	2.9	1.2	10.8	-
90,000 pounds and over	5,427	100.0	72.4	.3	.3	27.0	-
1,000 miles and over	5,819	100.0	65.0	4.0	.7	30.2	.1
Under 1,000 pounds	8	100.0	20.9	69.3	.5	-	9.3
1,000 to 9,999 pounds	90	100.0	38.4	55.1	2.5	2.2	1.8
10,000 to 29,999 pounds	110	100.0	48.4	24.6	8.2	17.9	.9
30,000 to 59,999 pounds	498	100.0	67.4	11.1	.9	20.6	-
60,000 to 89,999 pounds	967	100.0	86.4	3.9	2.4	7.3	-
90,000 pounds and over	4,146	100.0	61.0	1.3	-	37.7	-
	(millions of ton-miles)						
TON-MILES							
Total[1]	34,246	100.0	61.1	22.6	1.9	14.4	-
Under 200 miles	4,459	100.0	48.7	44.9	4.6	1.6	.2
Under 1,000 pounds	4	100.0	.4	89.2	8.0	1.7	.7
1,000 to 9,999 pounds	67	100.0	7.9	82.4	8.5	1.0	.2
10,000 to 29,999 pounds	250	100.0	11.0	76.2	12.3	.5	-
30,000 to 59,999 pounds	1,723	100.0	6.0	85.1	8.7	-	.2
60,000 to 89,999 pounds	340	100.0	67.4	29.6	2.7	.2	.1
90,000 pounds and over	2,075	100.0	86.7	9.0	.5	3.4	.4
200 to 399 miles	9,305	100.0	52.4	37.5	1.8	8.2	.1
Under 1,000 pounds	7	100.0	.9	96.5	1.9	-	.7
1,000 to 9,999 pounds	142	100.0	6.6	87.7	4.8	.9	-
10,000 to 29,999 pounds	494	100.0	8.2	82.8	8.0	.9	.1
30,000 to 59,999 pounds	2,740	100.0	8.2	87.8	3.8	.2	-
60,000 to 89,999 pounds	734	100.0	77.0	20.5	.6	1.9	-
90,000 pounds and over	5,188	100.0	77.9	7.6	.2	14.2	.1

See footnote at end of table.

TABLE 3. SHIPPER CLASS 141-- Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Steel Works and Rolling Mill Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(millions of ton-miles)						
TON-MILES--Continued							
400 to 599 miles	5,279	100.0	63.4	22.6	1.9	12.1	-
Under 1,000 pounds	7	100.0	5.9	83.3	8.3	-	2.5
1,000 to 9,999 pounds	105	100.0	9.9	81.3	6.4	1.8	.6
10,000 to 29,999 pounds	249	100.0	16.4	74.4	7.5	1.3	.4
30,000 to 59,999 pounds	1,162	100.0	21.5	68.2	6.5	3.7	.1
60,000 to 89,999 pounds	458	100.0	84.6	11.5	-	3.9	-
90,000 pounds and over	3,298	100.0	80.6	2.1	-	17.3	-
600 to 999 miles	6,262	100.0	65.2	11.2	1.4	22.2	-
Under 1,000 pounds	10	100.0	.6	93.1	4.0	-	2.3
1,000 to 9,999 pounds	99	100.0	23.2	68.1	6.1	2.6	-
10,000 to 29,999 pounds	237	100.0	23.3	65.2	5.2	6.3	-
30,000 to 59,999 pounds	899	100.0	37.6	48.3	5.5	8.6	-
60,000 to 89,999 pounds	698	100.0	84.6	3.0	1.1	11.3	-
90,000 pounds and over	4,319	100.0	71.3	.3	.2	28.2	-
1,000 miles and over	8,941	100.0	72.0	4.0	.8	23.1	.1
Under 1,000 pounds	15	100.0	24.9	64.2	.3	-	10.6
1,000 to 9,999 pounds	150	100.0	42.8	49.9	2.8	2.0	2.5
10,000 to 29,999 pounds	174	100.0	54.3	21.5	8.9	14.0	1.3
30,000 to 59,999 pounds	776	100.0	66.4	10.4	1.0	22.2	-
60,000 to 89,999 pounds	1,645	100.0	83.3	5.5	2.9	8.3	-
90,000 pounds and over	6,181	100.0	70.9	1.1	-	28.0	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 141--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Steel Works and Rolling Mill Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	113,521	100.0	52.9	35.9	3.6	-	7.5	-	0.1
New England	696	100.0	20.1	74.8	4.0	-	1.0	0.1	-
Middle Atlantic	31,411	100.0	53.6	31.9	3.5	-	10.9	-	.1
East North Central	51,705	100.0	50.7	42.6	2.6	-	4.1	-	-
West North Central	1,222	100.0	60.4	30.6	9.0	-	-	-	-
South Atlantic	10,534	100.0	47.0	30.8	2.0	-	19.7	-	.5
East South Central	8,673	100.0	77.9	16.5	1.9	0.5	3.1	-	.1
West South Central	2,808	100.0	29.8	23.9	21.9	-	24.4	-	-
Mountain[1]	2,469	-	-	-	-	-	-	-	-
Pacific[2]	4,003	100.0	39.7	52.4	7.5	-	.1	-	.3
TON-MILES	(millions of ton-miles)								
U.S. total	35,500	100.0	60.8	22.6	2.3	-	14.3	-	-
New England	256	100.0	32.9	62.1	2.4	-	2.1	.5	-
Middle Atlantic	10,197	100.0	56.8	21.8	1.3	-	19.9	.1	.1
East North Central	13,282	100.0	60.0	27.5	1.4	-	11.1	-	-
West North Central	597	100.0	70.4	24.1	5.5	-	-	-	-
South Atlantic	3,991	100.0	48.7	17.5	1.8	-	31.9	-	.1
East South Central	3,244	100.0	85.6	9.5	1.0	.2	3.7	-	-
West South Central	1,039	100.0	42.4	19.1	21.7	-	16.8	-	-
Mountain[1]	1,256	-	-	-	-	-	-	-	-
Pacific[2]	1,638	100.0	67.9	28.4	3.1	-	.6	-	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 141--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Steel Works and Rolling Mill Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	113,521	113,521	2,730	22,733	51,376	5,853	6,419	7,489	8,336	2,110	6,445
Ton-miles.....millions..	35,500	35,500	961	4,823	9,071	2,720	1,940	2,440	6,327	1,374	5,844
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	113,521	100.0	2.4	20.0	45.1	5.2	5.7	6.6	7.4	1.9	5.7
Shipments from--											
New England.....	696	100.0	32.7	40.3	13.5	2.2	5.5	.7	1.7	.3	3.1
Middle Atlantic.....	31,411	100.0	4.8	36.6	36.8	3.1	7.4	4.9	3.9	.4	2.1
East North Central.....	51,705	100.0	.9	9.7	67.5	7.1	3.4	4.1	5.2	.6	1.5
West North Central.....	1,222	100.0	.3	1.6	27.4	40.7	2.0	.9	10.9	6.7	9.5
South Atlantic.....	10,534	100.0	4.9	36.9	23.4	1.2	14.2	6.6	9.6	.4	2.8
East South Central.....	8,673	100.0	.2	22.3	22.0	1.8	8.4	31.6	9.2	1.6	2.9
West South Central.....	2,808	100.0	-	.5	4.0	4.4	1.3	6.7	70.3	9.3	3.5
Mountain[2].....	2,469	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	4,003	100.0	.1	1.1	-	.9	.5	3.0	4.9	5.8	83.7
TON-MILES	(millions)										
U.S. total.....	35,500	100.0	2.7	13.6	25.4	7.7	5.5	6.9	17.8	3.9	16.5
Shipments from--											
New England.....	256	100.0	5.4	19.0	25.6	6.9	10.9	1.6	6.5	1.7	22.4
Middle Atlantic.....	10,197	100.0	5.1	14.6	29.8	7.2	6.2	7.5	12.3	2.2	15.1
East North Central.....	13,282	100.0	1.8	11.4	34.0	10.9	3.8	6.1	18.1	2.9	11.0
West North Central.....	597	100.0	.6	3.0	20.1	21.2	3.7	1.0	10.8	11.4	28.2
South Atlantic.....	3,991	100.0	4.0	13.1	18.5	2.6	11.4	4.5	27.7	2.0	16.2
East South Central.....	3,244	100.0	.4	32.9	15.9	2.7	7.1	9.1	12.3	4.5	15.1
West South Central.....	1,039	100.0	-	1.3	7.6	6.4	2.5	7.7	50.3	11.3	12.9
Mountain[2].....	1,256	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	1,638	100.0	.7	6.1	.2	3.8	2.5	13.7	18.4	6.8	47.8

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 141--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Steel Works and Rolling Mill Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	113,521	100.0	52.9	35.9	3.6	-	7.5	-	0.1
Middle Atlantic, total	31,411	100.0	53.6	31.9	3.5	-	10.9	-	.1
Shipments to--									
Middle Atlantic	11,493	100.0	57.2	34.4	7.2	-	1.2	-	-
East North Central	11,538	100.0	46.8	40.0	.6	-	12.3	-	.3
South Atlantic	2,336	100.0	65.8	28.1	5.7	-	.4	-	-
East North Central, total	51,705	100.0	50.7	42.6	2.6	-	4.1	-	-
Shipments to--									
Middle Atlantic	5,017	100.0	53.2	45.9	.9	-	-	-	-
East North Central	34,921	100.0	47.6	48.4	3.1	-	.9	-	-
West North Central	3,693	100.0	62.0	30.8	4.2	-	3.0	-	-
South Atlantic	1,739	100.0	53.5	45.0	1.4	-	-	-	.1
East South Central	2,125	100.0	61.8	21.0	1.3	-	15.9	-	-
West South Central	2,695	100.0	42.5	7.5	.4	-	49.6	-	-
South Atlantic, total	10,534	100.0	47.0	30.8	2.0	-	19.7	-	.5
Shipments to--									
Middle Atlantic	3,904	100.0	48.2	48.0	2.4	-	-	1.4	-
East North Central	2,463	100.0	38.6	36.9	-	-	24.5	-	-
South Atlantic	1,494	100.0	75.5	16.0	5.1	-	3.4	-	-
East South Central, total	8,673	100.0	77.9	16.5	1.9	0.5	3.1	-	.1
Shipments to--									
East North Central	1,910	100.0	56.4	36.8	.4	-	5.9	-	.5
East South Central	2,736	100.0	80.6	14.0	3.8	1.6	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	35,500	100.0	60.8	22.6	2.3	-	14.3	-	-
Middle Atlantic, total	10,197	100.0	56.8	21.8	1.3	-	19.9	.1	.1
Shipments to--									
Middle Atlantic	1,493	100.0	57.8	37.0	5.0	-	.2	-	-
East North Central	3,031	100.0	46.8	36.7	.3	-	15.9	-	.3
South Atlantic	629	100.0	73.9	22.0	4.1	-	-	-	-
East North Central, total	13,282	100.0	60.0	27.5	1.4	-	11.1	-	-
Shipments to--									
Middle Atlantic	1,518	100.0	59.0	40.5	.5	-	-	-	-
East North Central	4,514	100.0	52.9	44.4	1.6	-	1.1	-	-
West North Central	1,450	100.0	64.8	28.3	3.9	-	3.0	-	-
South Atlantic	508	100.0	63.6	33.5	2.7	-	-	-	.2
East South Central	805	100.0	64.4	15.6	1.2	-	18.8	-	-
West South Central	2,400	100.0	41.6	7.1	.3	-	51.0	-	-
South Atlantic, total	3,991	100.0	48.7	17.5	1.8	-	31.9	-	.1
Shipments to--									
Middle Atlantic	522	100.0	41.0	56.6	1.7	-	-	-	.7
East North Central	740	100.0	46.3	34.8	-	-	18.9	-	-
South Atlantic	457	100.0	80.1	8.4	2.5	-	9.0	-	-
East South Central, total	3,244	100.0	85.6	9.5	1.0	.2	3.7	-	-
Shipments to--									
East North Central	517	100.0	64.0	29.1	.2	-	6.5	-	.2
East South Central	294	100.0	77.0	15.2	5.6	2.2	-	-	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 141--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Steel Works and Rolling Mill Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	113,521	2,397	17,158	93,966	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	35,500	555	5,568	29,377
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	52.9	56.0	70.2	49.6	60.8	61.5	75.0	58.0
Motor carrier.....	35.9	35.2	18.7	39.0	22.6	28.7	13.6	24.2
Private truck.....	3.6	8.8	7.5	2.8	2.3	9.8	5.6	1.5
Air.....	-	-	.3	-	-	-	.1	-
Water.....	7.5	-	3.3	8.5	14.3	-	5.6	16.2
Other.....	-	-	-	-	-	-	.1	-
Unknown.....	.1	-	-	.1	-	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	28.0	53.2	25.4	28.2	4.3	14.4	3.4	4.3
100 to 199 miles.....	18.0	4.3	17.1	18.4	8.6	3.1	7.9	8.8
200 to 299 miles.....	21.0	5.5	27.5	20.1	16.1	5.9	20.6	15.5
300 to 399 miles.....	10.1	8.1	6.7	10.7	11.1	12.1	7.2	11.8
400 to 499 miles.....	6.5	20.2	3.3	6.7	9.1	37.4	4.5	9.5
500 to 999 miles.....	11.2	8.3	15.9	10.4	25.1	24.7	34.5	23.3
1,000 miles and over.....	5.2	.4	4.1	5.5	25.7	2.4	21.9	26.8

Table 8. SHIPPER CLASS 141--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Steel Works and Rolling Mill Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	89.1	94.9	80.7	94.0
Highway facilities	81.1	68.4	94.1	78.1
Rail and highway facilities	71.4	63.3	76.0	74.5
Air facilities	51.5	5.1	73.7	73.8
Rail, highway, and air facilities	38.4	-	60.5	51.8
Water facilities	45.8	63.3	32.1	44.6
Rail, highway, air, and water facilities	18.6	-	27.3	27.9

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 142--Percent Distribution of Distance, by Means of Transport: 1967

Iron and Steel Castings

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	12,556	100.0	31.5	49.8	17.6	-	0.6	0.4	0.1
Under 50 miles	1,380	100.0	18.8	54.4	26.7	-	-	.1	-
50 to 99 miles	1,989	100.0	16.8	59.3	23.4	-	-	.5	-
100 to 199 miles	2,488	100.0	15.6	63.8	20.2	-	-	.3	.1
200 to 299 miles	1,911	100.0	31.2	51.7	16.7	-	-	.4	-
300 to 399 miles	1,031	100.0	34.1	58.1	7.3	-	-	.4	.1
400 to 499 miles	793	100.0	45.0	47.0	8.0	-	-	-	-
500 to 599 miles	1,047	100.0	60.8	30.6	7.8	-	-	.8	-
600 to 799 miles	1,047	100.0	51.0	33.3	15.1	-	-	.5	.1
800 to 999 miles	380	100.0	42.0	18.0	36.5	-	2.8	.2	.5
1,000 to 1,499 miles	110	100.0	47.7	23.1	26.1	0.1	2.1	-	.9
1,500 miles and over	380	100.0	76.4	6.6	1.9	.1	15.0	-	-
TON-MILES	(millions of ton-miles)								
Total	4,264	100.0	46.6	35.3	13.3	-	4.4	.3	.1
Under 50 miles	41	100.0	21.4	51.7	26.8	-	-	.1	-
50 to 99 miles	154	100.0	15.8	60.2	23.4	-	-	.6	-
100 to 199 miles	358	100.0	16.1	63.6	19.8	-	-	.4	.1
200 to 299 miles	467	100.0	31.7	51.4	16.5	-	-	.4	-
300 to 399 miles	362	100.0	35.1	57.2	7.2	-	-	.4	.1
400 to 499 miles	353	100.0	44.6	47.4	8.0	-	-	-	-
500 to 599 miles	578	100.0	60.8	30.6	7.8	-	-	.8	-
600 to 799 miles	704	100.0	50.4	33.3	15.7	-	-	.5	.1
800 to 999 miles	330	100.0	41.6	17.9	36.8	-	3.0	.2	.5
1,000 to 1,499 miles	126	100.0	48.1	23.2	25.0	.1	2.5	-	1.1
1,500 miles and over	791	100.0	70.0	6.2	1.4	.1	22.3	-	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 142--Percent Distribution of Weight, by Means of Transport: 1967

Iron and Steel Castings

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	12,156	100.0	32.2	50.3	16.5	0.6	0.4
Under 1,000 pounds	167	100.0	.8	74.9	22.3	.1	1.9
Under 50 pounds	2	100.0	1.5	56.1	16.7	-	25.7
50 to 99 pounds	5	100.0	1.1	73.2	17.5	-	8.2
100 to 199 pounds	14	100.0	.8	76.7	18.2	.3	4.0
200 to 499 pounds	52	100.0	.7	74.4	23.2	-	1.7
500 to 999 pounds	94	100.0	.7	75.7	22.8	.1	.7
1,000 to 9,999 pounds	1,234	100.0	1.6	68.6	29.2	-	.6
1,000 to 1,999 pounds	192	100.0	1.2	72.5	25.3	-	1.0
2,000 to 2,999 pounds	166	100.0	1.3	72.2	25.9	-	.6
3,000 to 3,999 pounds	152	100.0	1.3	72.6	25.7	.2	.2
4,000 to 4,999 pounds	132	100.0	1.0	69.2	29.4	-	.4
5,000 to 9,999 pounds	592	100.0	1.9	65.2	32.3	-	.6
10,000 to 29,999 pounds	1,651	100.0	4.1	61.9	33.5	-	.5
10,000 to 19,999 pounds	863	100.0	3.1	60.8	35.4	-	.7
20,000 to 29,999 pounds	788	100.0	5.2	62.8	31.5	-	.5
30,000 to 59,999 pounds	4,897	100.0	9.3	69.2	20.6	.4	.5
30,000 to 39,999 pounds	1,790	100.0	5.9	64.2	29.2	.2	.5
40,000 to 49,999 pounds	2,632	100.0	5.2	75.9	18.1	.5	.3
50,000 to 59,999 pounds	475	100.0	44.2	52.6	1.4	.7	1.1
60,000 to 89,999 pounds	1,473	100.0	73.3	23.7	2.6	.2	.2
60,000 to 69,999 pounds	463	100.0	61.0	35.0	4.0	-	-
70,000 to 79,999 pounds	493	100.0	83.2	14.0	1.6	.5	.7
80,000 to 89,999 pounds	517	100.0	74.8	22.8	2.4	-	-
90,000 pounds and over	2,734	100.0	83.7	13.9	.5	1.7	.2
TON-MILES	(millions of ton-miles)						
Total	4,127	100.0	47.5	35.8	11.8	4.4	.5
Under 1,000 pounds	43	100.0	1.8	83.5	10.0	.6	4.1
Under 50 pounds	1	100.0	2.9	53.7	4.2	.1	39.1
50 to 99 pounds	1	100.0	4.3	78.5	6.1	-	11.1
100 to 199 pounds	4	100.0	2.4	79.8	7.7	1.4	8.7
200 to 499 pounds	15	100.0	2.3	84.4	9.6	.4	3.3
500 to 999 pounds	22	100.0	1.1	84.9	11.2	.6	2.2
1,000 to 9,999 pounds	257	100.0	4.9	77.6	15.9	.2	1.4
1,000 to 1,999 pounds	43	100.0	6.0	82.1	10.7	.2	1.0
2,000 to 2,999 pounds	34	100.0	3.6	84.2	11.2	-	1.0
3,000 to 3,999 pounds	34	100.0	2.9	81.3	14.2	1.5	.1
4,000 to 4,999 pounds	30	100.0	6.1	80.5	13.0	-	.4
5,000 to 9,999 pounds	116	100.0	5.2	72.3	20.4	-	2.1
10,000 to 29,999 pounds	372	100.0	7.7	64.4	27.0	-	.9
10,000 to 19,999 pounds	176	100.0	7.0	62.3	29.8	-	.9
20,000 to 29,999 pounds	196	100.0	8.4	66.3	24.4	-	.9
30,000 to 59,999 pounds	1,414	100.0	15.4	58.9	22.2	3.0	.5
30,000 to 39,999 pounds	503	100.0	10.9	57.6	30.0	.6	.9
40,000 to 49,999 pounds	723	100.0	7.4	65.0	22.2	5.1	.3
50,000 to 59,999 pounds	188	100.0	58.4	38.0	1.4	1.7	.5
60,000 to 89,999 pounds	738	100.0	84.2	12.3	2.4	.8	.3
60,000 to 69,999 pounds	201	100.0	79.5	18.3	2.2	-	-
70,000 to 79,999 pounds	266	100.0	88.1	7.1	1.8	2.2	.8
80,000 to 89,999 pounds	271	100.0	83.8	13.0	3.2	-	-
90,000 pounds and over	1,303	100.0	82.8	6.2	.6	10.3	.1

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 142--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Iron and Steel Castings

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	12,156	100.0	32.2	50.3	16.5	0.6	0.4
Under 200 miles	5,661	100.0	17.3	60.3	22.0	-	.4
Under 1,000 pounds	101	100.0	.5	69.9	28.4	-	1.2
1,000 to 9,999 pounds	814	100.0	.8	64.0	34.8	-	.4
10,000 to 29,999 pounds	1,028	100.0	2.6	58.7	38.4	-	.3
30,000 to 59,999 pounds	2,442	100.0	4.7	73.3	21.4	-	.6
60,000 to 89,999 pounds	361	100.0	44.3	52.0	3.7	-	-
90,000 pounds and over	915	100.0	73.3	26.4	.3	-	-
200 to 399 miles	2,850	100.0	32.6	54.3	12.7	-	.4
Under 1,000 pounds	32	100.0	.5	75.2	22.6	-	1.7
1,000 to 9,999 pounds	244	100.0	1.2	70.9	27.5	-	.4
10,000 to 29,999 pounds	346	100.0	3.5	70.5	25.1	-	.9
30,000 to 59,999 pounds	1,218	100.0	7.7	76.4	15.8	-	.1
60,000 to 89,999 pounds	258	100.0	62.7	34.4	2.9	-	-
90,000 pounds and over	752	100.0	87.6	11.7	-	-	.7
400 to 599 miles	1,813	100.0	54.0	37.9	7.6	-	.5
Under 1,000 pounds	15	100.0	1.8	92.9	3.7	-	1.6
1,000 to 9,999 pounds	89	100.0	2.8	89.8	6.5	-	.9
10,000 to 29,999 pounds	152	100.0	7.9	67.1	25.0	-	-
30,000 to 59,999 pounds	618	100.0	15.5	69.4	14.5	-	.6
60,000 to 89,999 pounds	467	100.0	89.6	8.8	.8	-	.8
90,000 pounds and over	472	100.0	95.6	4.4	-	-	-
600 to 999 miles	1,355	100.0	50.5	30.5	17.7	.8	.5
Under 1,000 pounds	13	100.0	1.0	89.0	4.9	-	5.1
1,000 to 9,999 pounds	62	100.0	6.0	86.5	5.8	-	1.7
10,000 to 29,999 pounds	100	100.0	12.2	54.5	30.2	-	3.1
30,000 to 59,999 pounds	565	100.0	22.3	41.9	33.3	1.9	.6
60,000 to 89,999 pounds	285	100.0	86.4	10.8	2.8	-	-
90,000 pounds and over	330	100.0	89.2	7.9	2.9	-	-
1,000 miles and over	477	100.0	71.9	10.3	5.3	12.2	.3
Under 1,000 pounds	5	100.0	4.2	83.6	1.4	2.1	8.7
1,000 to 9,999 pounds	25	100.0	14.7	74.9	5.0	1.2	4.2
10,000 to 29,999 pounds	25	100.0	18.4	68.4	13.2	-	-
30,000 to 59,999 pounds	54	100.0	44.1	10.5	27.6	17.8	-
60,000 to 89,999 pounds	103	100.0	91.7	.4	5.5	2.4	-
90,000 pounds and over	265	100.0	81.8	1.0	-	17.2	-
TON-MILES	(millions of ton-miles)						
Total[1]	4,127	100.0	47.5	35.8	11.8	4.4	.5
Under 200 miles	535	100.0	16.9	62.4	20.3	-	.4
Under 1,000 pounds	8	100.0	.7	77.8	20.3	-	1.2
1,000 to 9,999 pounds	64	100.0	.9	71.8	26.9	-	.4
10,000 to 29,999 pounds	90	100.0	2.2	62.5	35.1	-	.2
30,000 to 59,999 pounds	255	100.0	4.6	72.4	22.1	-	.9
60,000 to 89,999 pounds	40	100.0	44.1	51.2	4.7	-	-
90,000 pounds and over	78	100.0	74.9	25.0	.1	-	-
200 to 399 miles	804	100.0	33.5	54.5	11.6	-	.4
Under 1,000 pounds	9	100.0	.5	77.7	20.1	-	1.7
1,000 to 9,999 pounds	65	100.0	1.2	72.9	25.5	-	.4
10,000 to 29,999 pounds	95	100.0	3.8	71.7	23.5	-	1.0
30,000 to 59,999 pounds	340	100.0	8.0	76.8	15.0	-	.2
60,000 to 89,999 pounds	77	100.0	63.0	34.8	2.2	-	-
90,000 pounds and over	218	100.0	86.9	12.5	-	-	.6

See footnote at end of table.

TABLE 3. SHIPPER CLASS 142--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Iron and Steel Castings

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	918	100.0	54.7	37.2	7.6	-	0.5
Under 1,000 pounds	8	100.0	1.8	92.9	3.6	-	1.7
1,000 to 9,999 pounds	43	100.0	2.8	89.6	6.6	-	1.0
10,000 to 29,999 pounds	74	100.0	7.8	66.8	25.4	-	-
30,000 to 59,999 pounds	311	100.0	15.4	69.1	14.8	-	.7
60,000 to 89,999 pounds	238	100.0	89.6	8.8	.8	-	.8
90,000 pounds and over	244	100.0	95.9	4.1	-	-	-
600 to 999 miles	976	100.0	49.7	29.7	19.0	1.0	.6
Under 1,000 pounds	10	100.0	1.0	88.6	5.2	-	5.2
1,000 to 9,999 pounds	45	100.0	5.9	86.8	5.5	-	1.8
10,000 to 29,999 pounds	73	100.0	12.4	52.7	31.9	-	3.0
30,000 to 59,999 pounds	408	100.0	21.4	40.0	35.5	2.4	.7
60,000 to 89,999 pounds	200	100.0	85.5	11.2	3.3	-	-
90,000 pounds and over	240	100.0	89.3	7.4	3.3	-	-
1,000 miles and over	894	100.0	68.7	8.5	3.1	19.4	.3
Under 1,000 pounds	9	100.0	5.0	80.8	1.5	2.8	9.9
1,000 to 9,999 pounds	38	100.0	19.4	71.3	3.5	1.6	4.2
10,000 to 29,999 pounds	40	100.0	20.9	68.2	10.9	-	-
30,000 to 59,999 pounds	101	100.0	43.3	7.9	16.0	32.8	-
60,000 to 89,999 pounds	183	100.0	93.2	.3	3.3	3.2	-
90,000 pounds and over	523	100.0	73.2	1.2	-	25.6	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 142--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Iron and Steel Castings

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,556	100.0	31.5	49.8	17.6	-	0.6	0.4	0.1
New England	84	100.0	7.9	75.5	16.5	0.1	-	-	-
Middle Atlantic	1,615	100.0	35.3	56.1	8.4	-	.1	.1	-
East North Central	5,283	100.0	23.3	55.1	21.2	-	.2	.2	-
West North Central	341	100.0	24.3	61.8	13.4	-	-	.2	.3
South Atlantic	834	100.0	38.9	53.7	7.2	-	-	.2	-
East South Central	3,267	100.0	42.2	40.5	15.8	-	.5	.9	.1
West South Central	334	100.0	1.4	22.0	75.9	-	.4	-	.3
Mountain[1]	188	-	-	-	-	-	-	-	-
Pacific[2]	610	100.0	40.8	44.2	8.4	-	6.2	.2	.2
TON-MILES	(millions of ton-miles)								
U.S. total	4,264	100.0	46.6	35.3	13.3	-	4.4	.3	.1
New England	21	100.0	26.8	70.1	2.8	.3	-	-	-
Middle Atlantic	385	100.0	45.0	49.2	4.9	-	.8	.1	-
East North Central	1,021	100.0	37.1	48.0	13.7	-	1.0	.2	-
West North Central	109	100.0	43.9	48.5	6.1	-	-	.3	1.2
South Atlantic	319	100.0	52.1	42.6	5.2	-	-	.1	-
East South Central	1,611	100.0	47.1	30.8	16.4	-	4.9	.7	.1
West South Central	154	100.0	2.6	17.5	76.0	-	3.5	-	.4
Mountain[1]	93	-	-	-	-	-	-	-	-
Pacific[2]	551	100.0	69.1	13.5	.6	-	16.6	.1	.1

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 142--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Iron and Steel Castings

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	12,556	12,556	214	1,617	6,273	713	1,185	1,001	718	194	641
Ton-miles.....millions..	4,264	4,264	100	476	1,664	343	390	229	349	124	589
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	12,556	100.0	1.7	12.9	50.0	5.7	9.4	8.0	5.7	1.5	5.1
Shipments from--											
New England.....	84	100.0	61.2	13.5	4.9	2.7	9.2	7.7	.4	-	.4
Middle Atlantic.....	1,615	100.0	4.3	56.8	21.5	1.8	9.3	2.8	1.4	.5	1.6
East North Central.....	5,283	100.0	.4	6.2	82.1	4.0	2.2	3.2	1.0	.1	.8
West North Central.....	341	100.0	.3	7.2	45.9	29.7	3.0	2.5	3.5	6.0	1.9
South Atlantic.....	834	100.0	.7	9.3	54.2	1.9	29.4	3.1	.8	.4	.2
East South Central.....	3,267	100.0	1.9	7.3	23.8	9.6	19.7	22.2	13.0	.8	1.7
West South Central.....	334	100.0	-	-	16.7	12.4	1.4	4.6	57.1	4.6	3.2
Mountain[2].....	188	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	610	100.0	-	3.3	24.8	-	.7	.7	.7	5.4	64.4
TON-MILES	(millions)										
U.S. total.....	4,264	100.0	2.3	11.2	39.0	8.1	9.1	5.4	8.2	2.9	13.8
Shipments from--											
New England.....	21	100.0	13.7	8.9	11.2	10.7	14.7	34.8	2.3	-	3.7
Middle Atlantic.....	385	100.0	4.7	26.8	23.5	5.8	8.0	5.6	6.8	3.6	15.2
East North Central.....	1,021	100.0	1.2	10.7	57.5	6.3	4.6	6.8	3.7	1.0	8.2
West North Central.....	109	100.0	.9	15.6	38.1	12.7	5.4	2.8	3.7	10.8	10.0
South Atlantic.....	319	100.0	.9	6.4	67.2	4.2	13.7	3.1	1.9	1.7	.9
East South Central.....	1,611	100.0	3.9	11.1	25.4	12.2	15.3	6.5	14.2	1.8	9.6
West South Central.....	154	100.0	-	-	29.3	18.8	2.7	3.2	25.0	8.4	12.6
Mountain[2].....	93	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	551	100.0	-	8.2	49.6	-	1.8	1.5	1.2	2.9	34.8

[1]Shipping destination to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 142--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Iron and Steel Castings

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	12,566	100.0	31.5	49.8	17.6	-	0.6	0.4	0.1
Middle Atlantic, total	1,615	100.0	35.3	56.1	8.4	-	.1	.1	-
Shipments to--									
Middle Atlantic	916	100.0	30.2	59.6	10.1	-	-	.1	-
East North Central	348	100.0	41.2	57.9	.9	-	-	-	-
South Atlantic	150	100.0	30.6	50.2	19.2	-	-	-	-
East North Central, total	5,283	100.0	23.3	55.1	21.2	-	.2	.2	-
Shipments to--									
Middle Atlantic	329	100.0	61.1	33.3	5.6	-	-	-	-
East North Central	4,328	100.0	16.0	58.9	24.8	-	-	.3	-
West North Central	209	100.0	41.8	51.8	6.2	-	-	.1	.1
South Atlantic	118	100.0	59.4	37.6	2.7	-	-	-	.3
East South Central	169	100.0	65.1	27.9	7.0	-	-	-	-
East South Central, total	3,267	100.0	42.2	40.5	15.8	-	.5	.9	.1
Shipments to--									
East North Central	776	100.0	39.8	49.6	9.6	-	-	1.0	-
South Atlantic	644	100.0	44.7	38.6	15.6	-	-	1.1	-
East South Central	725	100.0	26.5	55.0	17.1	-	-	1.4	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	4,264	100.0	46.6	35.3	13.3	-	4.4	.3	.1
Middle Atlantic, total	385	100.0	45.0	49.2	4.9	-	.8	.1	-
Shipments to--									
Middle Atlantic	103	100.0	29.6	61.5	8.8	-	-	.1	-
East North Central	91	100.0	36.8	62.4	.8	-	-	-	-
South Atlantic	31	100.0	34.1	47.8	18.1	-	-	-	-
East North Central, total	1,021	100.0	37.1	48.0	13.7	-	1.0	.2	-
Shipments to--									
Middle Atlantic	109	100.0	54.5	39.1	6.3	0.1	-	-	-
East North Central	586	100.0	19.6	59.6	20.5	-	-	.3	-
West North Central	65	100.0	53.6	39.6	6.7	-	-	-	.1
South Atlantic	47	100.0	49.8	47.2	2.8	-	-	-	.2
East South Central	69	100.0	72.5	20.9	6.6	-	-	-	-
East South Central, total	1,611	100.0	47.1	30.8	16.4	-	4.9	.7	.1
Shipments to--									
East North Central	410	100.0	38.3	51.5	9.2	-	-	1.0	-
South Atlantic	246	100.0	53.1	30.1	16.0	-	-	.8	-
East South Central	104	100.0	27.4	53.1	17.4	-	-	2.1	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 142--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Iron and Steel Castings

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	12,556	490	4,625	7,441	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	4,264	61	1,285	2,918
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	31.5	.7	25.2	37.5	46.6	1.1	35.2	52.4
Motor carrier.....	49.8	41.4	55.1	47.3	35.3	46.6	44.1	31.2
Private truck.....	17.6	57.6	18.3	14.5	13.3	52.0	8.5	14.6
Air.....	-	-	-	-	-	-	-	-
Water.....	.6	-	1.3	.1	4.4	-	12.0	1.2
Other.....	.4	.2	.1	.5	.3	.2	.1	.5
Unknown.....	.1	.1	-	.1	.1	.1	.1	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	26.9	49.9	38.9	17.8	4.6	23.4	7.8	2.8
100 to 199 miles.....	19.8	37.6	15.9	21.1	8.4	39.7	8.3	7.8
200 to 299 miles.....	15.2	6.7	14.8	16.1	10.9	12.7	12.9	10.1
300 to 399 miles.....	8.2	2.8	10.3	7.3	8.5	8.0	13.0	6.5
400 to 499 miles.....	6.3	.6	5.6	7.1	8.3	2.3	9.0	8.1
500 to 999 miles.....	19.7	2.2	11.9	25.7	37.8	11.0	28.1	42.6
1,000 miles and over.....	3.9	.2	2.6	4.9	21.5	2.9	20.9	22.1

Table 8. SHIPPER CLASS 142--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Iron and Steel Castings

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	77.2	62.0	88.2	95.8
Highway facilities	83.8	84.6	85.5	74.0
Rail and highway facilities	61.7	46.6	75.1	70.8
Air facilities	74.7	64.4	83.1	83.3
Rail, highway, and air facilities	52.0	35.6	66.3	62.5
Water facilities	17.7	6.7	26.9	26.0
Rail, highway, air, and water facilities	14.9	6.7	21.7	21.9

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 8.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 143--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Primary Metal Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	2,898	100.0	29.5	55.6	14.8	0.1	-	-	-
Under 50 miles	455	100.0	23.0	32.1	44.9	-	-	-	-
50 to 99 miles	487	100.0	12.7	59.7	27.5	.1	-	-	-
100 to 199 miles	849	100.0	37.4	56.8	5.8	-	-	-	-
200 to 299 miles	489	100.0	31.2	66.1	2.7	-	-	-	-
300 to 399 miles	237	100.0	33.1	55.0	11.8	.1	-	-	-
400 to 499 miles	133	100.0	40.6	59.3	.1	-	-	-	-
500 to 799 miles	123	100.0	27.9	70.7	1.1	.2	-	0.1	-
800 to 1,199 miles	76	100.0	48.0	51.2	.3	.4	-	.1	-
1,200 to 1,999 miles	22	100.0	36.2	60.3	1.2	1.2	1.1	-	-
2,000 miles and over	27	100.0	30.0	67.9	.3	1.2	.3	.3	-
	(millions of ton-miles)								
TON-MILES									
Total	674	100.0	33.1	61.3	5.1	.3	.1	.1	-
Under 50 miles	10	100.0	23.8	40.1	36.1	-	-	-	-
50 to 99 miles	36	100.0	12.9	59.6	27.4	.1	-	-	-
100 to 199 miles	122	100.0	35.8	59.1	5.1	-	-	-	-
200 to 299 miles	117	100.0	29.6	67.8	2.6	-	-	-	-
300 to 399 miles	82	100.0	33.1	55.2	11.6	.1	-	-	-
400 to 499 miles	59	100.0	41.1	58.8	.1	-	-	-	-
500 to 799 miles	79	100.0	27.7	70.8	1.1	.3	-	.1	-
800 to 1,199 miles	71	100.0	47.2	51.9	.4	.4	-	.1	-
1,200 to 1,999 miles	36	100.0	37.6	59.0	1.2	1.2	1.0	-	-
2,000 miles and over	62	100.0	27.9	70.2	.3	1.1	.3	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 143--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Primary Metal Products

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	2,621	100.0	32.5	58.5	8.9	-	0.1
Under 1,000 pounds	61	100.0	.7	79.0	17.4	-	2.9
Under 50 pounds	2	100.0	1.2	44.5	29.5	-	24.8
50 to 99 pounds	2	100.0	.9	77.1	16.5	-	5.5
100 to 199 pounds	6	100.0	.7	73.6	21.5	0.1	4.1
200 to 499 pounds	21	100.0	.5	80.7	16.0	-	2.8
500 to 999 pounds	30	100.0	.7	81.0	16.9	-	1.4
1,000 to 9,999 pounds	296	100.0	1.2	89.3	9.2	.1	.2
1,000 to 1,999 pounds	47	100.0	.5	89.1	10.0	.1	.3
2,000 to 2,999 pounds	52	100.0	2.1	83.7	13.6	-	.6
3,000 to 3,999 pounds	38	100.0	.5	93.1	5.5	-	.9
4,000 to 4,999 pounds	33	100.0	1.4	91.1	7.1	-	.4
5,000 to 9,999 pounds	126	100.0	1.3	89.8	8.7	.2	-
10,000 to 29,999 pounds	406	100.0	2.8	86.1	11.1	-	-
10,000 to 19,999 pounds	184	100.0	3.0	88.6	8.4	-	-
20,000 to 29,999 pounds	222	100.0	2.6	84.2	13.2	-	-
30,000 to 59,999 pounds	951	100.0	7.3	79.9	12.8	-	-
30,000 to 39,999 pounds	278	100.0	3.5	81.7	14.7	-	1
40,000 to 49,999 pounds	467	100.0	2.8	85.3	11.9	-	-
50,000 to 59,999 pounds	206	100.0	22.5	65.2	12.3	-	-
60,000 to 89,999 pounds	123	100.0	77.2	20.2	2.6	-	-
60,000 to 69,999 pounds	24	100.0	44.0	42.5	13.5	-	-
70,000 to 79,999 pounds	35	100.0	84.2	15.8	-	-	-
80,000 to 89,999 pounds	64	100.0	85.6	14.4	-	-	-
90,000 pounds and over	784	100.0	85.9	10.9	3.2	-	-
TON-MILES	(millions of ton-miles)						
Total	645	100.0	34.5	61.4	3.6	.1	.4
Under 1,000 pounds	23	100.0	1.6	88.8	3.3	-	6.3
Under 50 pounds	1	100.0	2.2	65.6	2.0	-	30.2
50 to 99 pounds	1	100.0	2.6	91.4	1.4	-	4.6
100 to 199 pounds	2	100.0	1.3	87.9	4.8	-	6.0
200 to 499 pounds	8	100.0	1.6	86.6	5.3	-	6.5
500 to 999 pounds	11	100.0	1.5	91.8	1.7	-	5.0
1,000 to 9,999 pounds	112	100.0	2.8	93.7	2.4	.5	.6
1,000 to 1,999 pounds	18	100.0	2.5	94.2	1.9	1.1	.3
2,000 to 2,999 pounds	24	100.0	5.7	89.6	2.7	-	2.0
3,000 to 3,999 pounds	19	100.0	.9	97.2	1.5	-	.4
4,000 to 4,999 pounds	12	100.0	1.1	96.7	1.5	-	.7
5,000 to 9,999 pounds	39	100.0	2.8	93.3	3.0	.9	-
10,000 to 29,999 pounds	99	100.0	5.1	90.2	4.7	-	-
10,000 to 19,999 pounds	46	100.0	5.5	89.9	5.6	-	-
20,000 to 29,999 pounds	53	100.0	4.7	91.3	4.0	-	-
30,000 to 59,999 pounds	230	100.0	23.0	70.6	6.4	-	-
30,000 to 39,999 pounds	67	100.0	6.4	86.0	7.6	-	-
40,000 to 49,999 pounds	95	100.0	3.7	86.9	9.4	-	-
50,000 to 59,999 pounds	68	100.0	66.4	32.7	.9	-	-
60,000 to 89,999 pounds	25	100.0	81.2	18.6	.2	-	-
60,000 to 69,999 pounds	6	100.0	69.6	29.5	.9	-	-
70,000 to 79,999 pounds	7	100.0	79.2	20.8	-	-	-
80,000 to 89,999 pounds	12	100.0	87.4	12.6	-	-	-
90,000 pounds and over	156	100.0	90.5	9.2	.3	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 143--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Primary Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	2,621	100.0	32.5	58.5	8.9	-	0.1
Under 200 miles	1,548	100.0	31.1	56.7	12.2	-	-
Under 1,000 pounds	30	100.0	.2	64.8	33.7	-	1.3
1,000 to 9,999 pounds	137	100.0	.9	81.3	17.5	-	.3
10,000 to 29,999 pounds	240	100.0	2.9	84.0	13.1	-	-
30,000 to 59,999 pounds	571	100.0	2.1	81.0	16.8	-	.1
60,000 to 89,999 pounds	85	100.0	71.1	25.1	3.8	-	-
90,000 pounds and over	485	100.0	82.6	12.3	5.1	-	-
200 to 399 miles	701	100.0	32.9	61.2	5.9	-	-
Under 1,000 pounds	13	100.0	-	95.5	2.4	-	2.1
1,000 to 9,999 pounds	82	100.0	.5	97.1	2.3	-	.1
10,000 to 29,999 pounds	110	100.0	2.4	85.7	11.9	-	-
30,000 to 59,999 pounds	268	100.0	4.6	85.8	9.6	-	-
60,000 to 89,999 pounds	18	100.0	85.4	14.6	-	-	-
90,000 pounds and over	210	100.0	95.2	4.8	-	-	-
400 to 599 miles	179	100.0	38.2	61.5	.2	-	.1
Under 1,000 pounds	6	100.0	.1	96.5	-	-	3.4
1,000 to 9,999 pounds	25	100.0	1.8	97.0	1.2	-	-
10,000 to 29,999 pounds	26	100.0	-	100.0	-	-	-
30,000 to 59,999 pounds	50	100.0	23.0	77.0	-	-	-
60,000 to 89,999 pounds	15	100.0	99.0	1.0	-	-	-
90,000 pounds and over	57	100.0	71.8	28.2	-	-	-
600 to 999 miles	130	100.0	39.0	59.7	.8	-	.5
Under 1,000 pounds	7	100.0	3.1	89.5	.4	-	7.0
1,000 to 9,999 pounds	30	100.0	.5	96.2	2.6	-	.7
10,000 to 29,999 pounds	20	100.0	1.1	97.5	1.4	-	-
30,000 to 59,999 pounds	39	100.0	44.9	55.1	-	-	-
60,000 to 89,999 pounds	3	100.0	73.7	26.3	-	-	-
90,000 pounds and over	31	100.0	100.0	-	-	-	-
1,000 miles and over	63	100.0	34.5	63.0	.9	0.5	1.1
Under 1,000 pounds	6	100.0	2.0	86.0	4.0	-	8.0
1,000 to 9,999 pounds	22	100.0	6.5	90.4	.6	1.5	1.0
10,000 to 29,999 pounds	10	100.0	14.7	85.3	-	-	-
30,000 to 59,999 pounds	22	100.0	71.3	27.8	.9	-	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-	-
TON-MILES	(millions of ton-miles)						
Total[1]	645	100.0	34.5	61.4	3.6	.1	.4
Under 200 miles	153	100.0	32.9	61.2	5.9	-	-
Under 1,000 pounds	2	100.0	.2	86.0	12.6	-	1.2
1,000 to 9,999 pounds	12	100.0	1.0	87.9	10.8	-	.3
10,000 to 29,999 pounds	23	100.0	2.4	92.0	5.6	-	-
30,000 to 59,999 pounds	60	100.0	3.3	87.2	9.5	-	-
60,000 to 89,999 pounds	8	100.0	61.0	38.4	.6	-	-
90,000 pounds and over	48	100.0	89.5	9.5	1.0	-	-
200 to 399 miles	193	100.0	32.1	61.4	6.5	-	-
Under 1,000 pounds	4	100.0	-	95.3	2.5	-	2.2
1,000 to 9,999 pounds	22	100.0	.7	97.3	1.9	-	.1
10,000 to 29,999 pounds	31	100.0	2.7	86.9	10.4	-	-
30,000 to 59,999 pounds	76	100.0	5.0	83.5	11.5	-	-
60,000 to 89,999 pounds	5	100.0	84.7	15.3	-	-	-
90,000 pounds and over	55	100.0	95.4	4.6	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 143--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Primary Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Water	All other
	(millions of ton-miles)						
TON-MILES--Continued							
400 to 599 miles	84	100.0	38.4	61.3	0.2	-	0.1
Under 1,000 pounds	3	100.0	.1	96.5	-	-	3.4
1,000 to 9,999 pounds	12	100.0	1.7	97.1	1.2	-	-
10,000 to 29,999 pounds	12	100.0	-	100.0	-	-	-
30,000 to 59,999 pounds	24	100.0	25.4	74.6	-	-	-
60,000 to 89,999 pounds	7	100.0	98.9	1.1	-	-	-
90,000 pounds and over	26	100.0	72.4	27.6	-	-	-
600 to 999 miles	103	100.0	40.4	58.3	.7	-	.6
Under 1,000 pounds	5	100.0	2.9	89.0	.4	-	7.7
1,000 to 9,999 pounds	23	100.0	.5	96.5	2.3	-	.7
10,000 to 29,999 pounds	15	100.0	1.0	97.7	1.3	-	-
30,000 to 59,999 pounds	32	100.0	44.7	55.3	-	-	-
60,000 to 89,999 pounds	3	100.0	76.4	23.6	-	-	-
90,000 pounds and over	25	100.0	100.0	-	-	-	-
1,000 miles and over	112	100.0	32.6	64.9	.8	0.5	1.2
Under 1,000 pounds	10	100.0	2.2	84.7	4.0	-	9.1
1,000 to 9,999 pounds	43	100.0	6.1	91.0	.5	1.3	1.1
10,000 to 29,999 pounds	18	100.0	19.1	80.9	-	-	-
30,000 to 59,999 pounds	38	100.0	70.5	28.9	.6	-	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 143--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Primary Metal Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	2,898	100.0	29.5	55.6	14.8	0.1	-	-	-
New England	93	100.0	2.7	97.1	.2	-	-	-	-
Middle Atlantic	633	100.0	23.8	42.3	33.7	.1	-	0.1	-
East North Central	1,808	100.0	26.8	64.9	8.2	.1	-	-	-
Pacific[1]	26	100.0	-	77.5	20.2	1.0	1.2	.1	-
Balance of United States[2]	338	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	674	100.0	33.1	61.3	5.1	.3	.1	.1	-
New England	34	100.0	8.8	91.2	-	-	-	-	-
Middle Atlantic	158	100.0	31.8	60.6	7.2	.2	-	.2	-
East North Central	394	100.0	31.6	65.6	2.5	.3	-	-	-
Pacific[1]	17	100.0	-	92.7	2.4	1.7	3.1	.1	-
Balance of United States[2]	71	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 143--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Primary Metal Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	2,898	2,898	79	626	1,494	158	123	277	83	4	54
Ton-miles.....millions..	674	674	24	103	238	75	43	56	52	4	79
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	2,898	100.0	2.7	21.6	51.6	5.4	4.2	9.6	2.9	0.1	1.9
Shipments from--											
New England	93	100.0	33.8	39.3	13.1	.4	6.5	.3	1.3	.1	5.2
Middle Atlantic	633	100.0	4.0	59.8	17.8	3.9	8.9	2.7	1.3	-	1.6
East North Central	1,808	100.0	1.2	11.6	74.4	6.5	2.0	1.3	1.8	.1	1.1
Pacific[2]	26	100.0	4.5	2.5	3.3	1.6	.7	.3	17.2	2.6	67.3
Balance of U.S.[3]	338	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	674	100.0	3.6	15.3	35.4	11.1	6.3	8.3	7.6	.7	11.7
Shipments from--											
New England	34	100.0	8.0	21.2	20.6	1.1	6.9	.6	5.5	.3	35.8
Middle Atlantic	158	100.0	3.2	19.0	26.5	13.3	11.3	5.1	6.1	.3	15.2
East North Central	394	100.0	3.5	15.9	45.2	11.3	3.7	2.4	7.4	.8	9.8
Pacific[2]	17	100.0	16.9	9.2	9.6	3.5	2.1	1.0	35.4	2.2	20.1
Balance of U.S.[3]	71	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER GROUP 143--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Primary Metal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	2,898	100.0	29.5	55.6	14.8	0.1	-	-	-
Middle Atlantic, total	633	100.0	23.8	42.3	33.7	.1	-	0.1	-
Shipments to--									
Middle Atlantic	378	100.0	18.0	27.3	54.6	-	-	.1	-
East North Central	113	100.0	28.3	70.6	.9	.1	-	.1	-
East North Central, total	1,808	100.0	26.8	64.9	8.2	.1	-	-	-
Shipments to--									
Middle Atlantic	209	100.0	4.4	90.8	4.7	.1	-	-	-
East North Central	1,344	100.0	25.8	64.0	10.2	-	-	-	-
West North Central	118	100.0	56.5	43.4	.1	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	674	100.0	33.1	61.3	5.1	.3	0.1	.1	-
Middle Atlantic, total	158	100.0	31.8	60.6	7.2	.2	-	.2	-
Shipments to--									
Middle Atlantic	30	100.0	26.5	38.3	35.2	-	-	-	-
East North Central	42	100.0	33.6	65.6	.5	.2	-	.1	-
East North Central, total	394	100.0	31.6	65.6	2.5	.3	-	-	-
Shipments to--									
Middle Atlantic	62	100.0	3.8	94.2	2.0	-	-	-	-
East North Central	178	100.0	25.7	70.2	4.1	-	-	-	-
West North Central	44	100.0	53.8	46.1	.1	-	-	-	-

Note: Only those divisions with sizable distributions are shown.

TABLE 7. SHIPPER CLASS 143--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Primary Metal Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	2,898	614	1,108	1,176	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	674	91	282	301
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	29.5	2.9	31.8	41.2	33.1	1.5	32.1	43.5
Motor carrier.....	55.6	60.6	58.9	49.7	61.3	83.0	61.7	54.7
Private truck.....	14.8	36.3	9.2	9.0	5.1	15.2	5.7	1.4
Air.....	.1	.1	.1	.1	.3	.2	.2	.4
Water.....	-	-	-	-	.1	-	.2	-
Other.....	-	.1	-	-	.1	.1	.1	-
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	32.5	60.8	21.0	28.6	6.9	21.2	4.3	4.9
100 to 199 miles.....	29.3	19.3	33.0	30.9	18.2	17.7	18.4	18.1
200 to 299 miles.....	16.9	11.4	23.3	13.7	17.4	17.9	22.0	13.0
300 to 399 miles.....	8.2	2.7	9.1	10.1	12.2	6.1	12.5	13.7
400 to 499 miles.....	4.6	1.3	3.9	7.0	8.8	3.6	6.8	12.1
500 to 999 miles.....	6.2	2.4	7.7	6.9	19.2	11.9	21.3	19.9
1,000 miles and over.....	2.3	2.1	2.0	2.8	17.3	21.6	14.7	18.3

Table 8. SHIPPER CLASS 143--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Primary Metal Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	49.2	31.8	76.2	95.1
Highway facilities.....	89.7	88.3	91.8	94.3
Rail and highway facilities.....	41.4	24.1	68.0	89.4
Air facilities.....	85.6	84.3	88.1	85.2
Rail, highway, and air facilities.....	39.7	24.1	64.2	79.5
Water facilities.....	17.4	16.1	17.4	34.4
Rail, highway, air, and water facilities.	6.3	4.0	6.5	34.4

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.5 percent reported they did not have any of the above transportation facilities available.

Shipper Group 15

Primary Nonferrous Metal Products

151 Nonferrous metals primary smelter products
152 Nonferrous metal basic shapes
153 Nonferrous and nonferrous base alloy castings

SAMPLE SIZE

The sample for this shipper group consisted of 464 establishments, of which 430 were in scope and provided data from 53,116 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (34 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 15 and their related SIC industries are as follows:

Shipper Class 151.--Nonferrous metals primary smelter products
- SIC 3331.--Primary smelting and refining of copper
- SIC 3332.--Primary smelting and refining of lead
- SIC 3333.--Primary smelting and refining of zinc
- SIC 3334.--Primary production of aluminum
- SIC 3339.--Primary smelting and refining of nonferrous metals, n.e.c.
- SIC 3341.--Secondary smelting and refining of nonferrous metals

Shipper Class 152.--Nonferrous metal basic shapes
- SIC 3351.--Rolling, drawing, and extruding of copper
- SIC 3352.--Rolling, drawing, and extruding of aluminum
- SIC 3356.--Rolling, drawing, and extruding of nonferrous metals, except copper and aluminum
- SIC 3357.--Drawing and insulating of nonferrous wire

Shipper Class 153.--Nonferrous and nonferrous base alloy castings
- SIC 3361.--Aluminum castings
- SIC 3362.--Brass, bronze, copper, copper base alloy castings
- SIC 3369.--Nonferrous castings, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
151–Nonferrous metals primary smelter products	3331,3332,3333,3334, 3339	3331,3332,3333,3334, 3339,3341
152–Nonferrous metal basic shapes	3351,3352,3356,3357	3351,3352,3356,3357
153–Nonferrous and nonferrous base alloy castings	3361,3362,3369	3361,3362,3369

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 73 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 15	22,776	100.0	73.0	27.0
Class 151	11,156	100.0	65.2	34.8
Class 152	10,167	100.0	81.3	18.7
Class 153	1,453	100.0	74.3	25.7

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Primary Nonferrous Metal Products Shipper Group shipped (beyond the local area) about 22,776,000 tons of commodities during 1967. These shipments generated about 13 billion ton-miles by all means of transport combined, averaging about 589 straight-line miles per ton shipped.

As shown in table A, two shipper classes dominated this group, Nonferrous Metals Primary Smelter Products and Nonferrous Metal Basic Shapes, each shipping almost half of the total tons for the group. Shipper Class 153, Nonferrous and Nonferrous Base Alloy Castings, accounted for about one million tons.

Rails transported half of the total tonnage for the shipper group and almost three-fourths of the tonnage for the Nonferrous Metals Primary Smelter Products Shipper Class. Motor carriers transported more than half of the tonnage for the other two shipper classes.

When measured in terms of ton-miles, rather than tons, the rail share increased for the shipper group and for each of the shipper classes, except Nonferrous Base Alloy Castings. Of the 13 billion ton-miles for the shipper group, rails accounted for 9 billion, and motor carriers accounted for most of the balance.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 1 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the Primary Nonferrous Metal Products Shipper Group and each of the shipper classes for both years. An increase for the shipper group is indicated in the table, from 18.7 million tons in 1963 to 22.8 million tons in 1967. Increases also occur in each of the three shipper classes.

As shown in table C, the relative distribution by means of transport for the two years is stable for the shipper group and for each of the shipper classes. The rail share shows a slight decrease in 1967 and the motor carrier share an increase for the shipper group and for Shipper Class 151 (Nonferrous Metal Basic Shapes). The private truck share for the shipper group and for Shipper Class 151 shows an increase in 1967.

The length of haul by rail for the shipper group remains essentially unchanged for the two years, but a longer haul is shown for motor carrier and private truck in 1967. It should be noted that the average lenght of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 15: Primary nonferrous metal products	22,776	11,047	8,423	2,838	468
Shipper Classes:					
151. Nonferrous metals primary smelter products	11,156	7,836	1,755	1,210	355
152. Nonferrous metal basic shapes	10,167	2,947	5,705	1,408	107
153. Nonferrous and nonferrous base alloy castings	1,453	264	963	220	6
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 15: Primary nonferrous metal products	13,410	9,083	3,498	609	220
Shipper Classes:					
151. Nonferrous metals primary smelter products	6,669	6,002	379	206	82
152. Nonferrous metal basic shapes	6,307	3,014	2,784	375	134
153. Nonferrous and nonferrous base alloy castings	434	67	335	28	4

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 15: Primary nonferrous metal products	22,776	18,742	18,862
Shipper Classes:			
151. Nonferrous metals primary smelter products	11,156	9,777	9,784
152. Nonferrous metal basic shapes	10,167	7,990	8,042
153. Nonferrous and nonferrous base alloy castings	1,453	975	1,036

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 15: Primary nonferrous metal products:					
1967	100.0	48.4	37.0	12.5	2.1
1963	100.0	51.5	33.9	11.0	3.6
Shipper Classes					
151. Nonferrous metals primary smelter products:					
1967	100.0	70.4	15.7	10.8	3.1
1963	100.0	73.1	15.2	6.1	5.6
152. Nonferrous metal basic shapes:					
1967	100.0	29.0	56.1	13.8	1.1
1963	100.0	30.0	52.2	16.1	1.7
153. Nonferrous and nonferrous base alloy casting:					
1967	100.0	18.1	66.4	15.2	.3
1963	100.0	11.9	69.6	17.1	1.4
TON-MILES					
Shipper Group 15: Primary nonferrous metal products:					
1967	100.0	67.7	26.1	4.5	1.7
1963	100.0	73.2	21.0	3.8	2.0
Shipper Classes					
151. Nonferrous metals primary smelter products:					
1967	100.0	90.0	5.7	3.1	1.2
1963	100.0	91.6	5.6	1.7	1.1
152. Nonferrous metal basic shapes:					
1967	100.0	47.8	44.1	5.9	2.2
1963	100.0	51.8	38.7	6.4	3.1
153. Nonferrous and nonferrous base alloy castings:					
1967	100.0	15.4	77.2	6.5	.9
1963	100.0	14.9	74.5	8.6	2.0

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 15: Primary nonferrous metal products:				
1967	589	822	415	215
1963	585	831	362	202
SHIPPER CLASSES				
151. Nonferrous metals primary smelter products:				
1967	598	766	216	170
1963	641	803	236	179
152. Nonferrous metal basic shapes:				
1967	620	1,023	488	266
1963	548	947	406	218
153. Nonferrous and nonferrous base alloy castings:				
1967	299	254	348	127
1963	343	431	366	175

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-lone distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 15: Primary Nonferrous Metal Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	48.6	36.3	12.9	2.2
1963	100.0	40.5	42.0	13.5	4.0
DISTANCE					
(straight-line miles)					
Under 200 miles:					
1967	100.0	32.5	39.9	24.0	3.6
1963	100.0	13.1	51.8	25.5	9.6
200 to 399 miles:					
1967	100.0	35.7	48.6	14.4	1.3
1963	100.0	33.2	52.3	14.1	.4
400 to 599 miles:					
1967	100.0	42.9	50.4	6.5	.2
1963	100.0	47.6	43.6	8.6	.2
600 to 999 miles:					
1967	100.0	64.8	30.7	3.3	1.2
1963	100.0	61.7	32.9	4.4	1.0
1,000 miles and over:					
1967	100.0	84.3	11.4	1.8	2.5
1963	100.0	78.9	15.3	1.6	4.2
WEIGHT					
Under 1,000 pounds:					
1967	100.0	2.0	82.9	10.2	4.9
1963	100.0	.9	79.2	15.3	4.6
1,000 to 9,999 pounds:					
1967	100.0	2.1	76.4	20.5	1.0
1963	100.0	1.1	75.2	21.0	2.7
10,000 to 29,999 pounds:					
1967	100.0	6.6	64.4	27.5	1.5
1963	100.0	4.8	69.5	24.5	1.2
30,000 to 59,999 pounds:					
1967	100.0	14.4	58.2	26.5	.9
1963	100.0	18.9	57.6	22.1	1.4
60,000 pounds and over:					
1967	100.0	88.5	7.9	.5	3.1
1963	100.0	83.2	8.4	1.0	7.4

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 15: Primary Nonferrous Metal Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	48.4	37.0	12.5	2.1
1963	100.0	51.5	33.9	11.0	3.6
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	-	82.7	6.6	10.7
20 to 99 employees:					
1967	100.0	20.9	46.5	32.2	.4
1963	100.0	11.1	45.7	41.3	1.9
100 to 499 employees:					
1967	100.0	40.1	40.8	18.2	.9
1963	100.0	52.9	32.0	14.0	1.1
500 employees and over:					
1967	100.0	60.2	32.5	4.2	3.1
1963	100.0	56.5	33.1	4.4	6.0

[1]Not obtained on 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 15: Primary Nonferrous Metal Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	48.4	37.0	12.5	2.1
1963	100.0	51.5	33.9	11.0	3.6
Middle Atlantic:					
1967	100.0	31.4	44.3	18.7	5.6
1963	100.0	21.3	44.8	20.6	13.3
East North Central:					
1967	100.0	26.9	54.4	17.9	.8
1963	100.0	31.4	54.3	13.9	.4
West South Central:					
1967	100.0	76.5	13.9	6.5	3.1
1963	100.0	83.1	10.8	4.6	1.5
Mountain:					
1967	100.0	96.6	3.4	-	-
1963	100.0	97.9	2.1	-	-
Pacific:					
1967	100.0	74.4	18.7	5.9	1.0
1963	100.0	67.9	22.9	8.3	.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 15: PRIMARY NONFERROUS METAL PRODUCTS		
Total shipments	22,776	5.2
Shipments by--		
Rail	11,047	5.6
Motor carrier	8,423	8.6
Private truck	2,838	13.8
All other	468	-
Shipments from--		
New England Division	1,290	8.8
Middle Atlantic Division	4,680	9.6
East North Central Division	5,541	15.6
West North Central Division	1,277	34.0
South Atlantic Division	1,531	19.0
East South Central Division	989	15.6
West South Central Division	3,035	8.2
Mountain Division	2,388	20.4
Pacific Division	2,045	11.4
SHIPPER CLASS 151: NONFERROUS METALS PRIMARY SMELTER PRODUCTS		
Total shipments	11,156	7.0
Shipments by--		
Rail	7,836	7.2
Motor carrier	1,755	9.6
Private truck	1,210	26.8
All other	355	-
Shipments from--		
Middle Atlantic Division	2,184	17.0
East North Central Division	1,512	20.6
South Atlantic Division	749	40.0
East South Central Division	174	32.2
West South Central Division	2,653	9.0
Mountain Division	2,343	20.8
Pacific Division	1,267	12.2
Balance of United States	274	-
SHIPPER CLASS 152: NONFERROUS METAL BASIC SHAPES		
Total shipments	10,167	9.2
Shipments by--		
Rail	2,947	9.4
Motor carrier	5,705	12.2
Private truck	1,408	18.8
All other	107	-
Shipments from--		
New England Division	1,253	8.8
Middle Atlantic Division	2,279	11.6
East North Central Division	3,388	23.4
West North Central Division	512	26.0
South Atlantic Division	780	15.0
East South Central Division	782	15.8
West South Central Division	376	50.8
Pacific Division	753	25.2
Balance of United States	44	-
SHIPPER CLASS 153: NONFERROUS AND NONFERROUS BASE ALLOY CASTINGS		
Total shipments	1,453	24.0
Shipments by--		
Rail	264	55.2
Motor carrier	963	31.0
Private truck	220	25.2
All other	6	-
Shipments from--		
Middle Atlantic Division	217	28.4
East North Central Division	641	16.4
Pacific Division	25	64.4
Balance of United States	570	-

TABLE 1. SHIPPER GROUP 15--Percent Distribution of Distance, by Means of Transport: 1967

Primary Nonferrous Metal Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	22,776	100.0	48.4	37.0	12.5	0.1	1.6	0.2	0.2
Under 50 miles	2,006	100.0	17.8	36.6	33.3	-	11.6	.3	.4
50 to 99 miles	1,846	100.0	27.0	46.8	25.3	-	.3	.1	.5
100 to 199 miles	3,861	100.0	42.3	38.5	19.0	-	-	.1	.1
200 to 299 miles	2,550	100.0	38.0	45.8	14.6	-	1.2	.2	.2
300 to 399 miles	1,694	100.0	30.9	55.4	13.0	-	.4	.1	.2
400 to 499 miles	1,517	100.0	46.8	47.6	5.5	.1	-	-	-
500 to 599 miles	980	100.0	43.1	49.3	7.2	.1	-	.3	-
600 to 799 miles	2,323	100.0	57.9	36.5	4.3	.2	.9	.2	-
800 to 999 miles	1,738	100.0	65.7	30.5	2.7	.1	.1	.7	.2
1,000 to 1,199 miles	665	100.0	60.3	28.9	7.1	-	3.3	.1	.3
1,200 to 1,499 miles	1,081	100.0	74.5	21.4	1.0	.3	2.1	.7	-
1,500 to 1,999 miles	1,654	100.0	90.7	8.3	.8	.2	-	-	-
2,000 miles and over	861	100.0	86.0	10.4	.5	.2	2.2	.7	-
TON-MILES	(millions of ton-miles)								
Total	13,410	100.0	67.7	26.1	4.5	.2	1.1	.3	.1
Under 50 miles	53	100.0	18.1	36.8	32.5	-	12.0	.2	.4
50 to 99 miles	137	100.0	28.1	46.8	24.4	-	.2	.1	.4
100 to 199 miles	595	100.0	44.6	37.1	18.1	-	-	.1	.1
200 to 299 miles	637	100.0	38.4	45.6	14.5	-	1.1	.2	.2
300 to 399 miles	579	100.0	31.3	54.7	13.3	-	.4	.1	.2
400 to 499 miles	686	100.0	47.5	47.0	5.4	.1	-	-	-
500 to 599 miles	541	100.0	43.5	48.9	7.2	.1	-	.3	-
600 to 799 miles	1,598	100.0	58.3	36.3	4.1	.2	.9	.2	-
800 to 999 miles	1,533	100.0	65.7	30.6	2.7	.1	.1	.6	.2
1,000 to 1,199 miles	732	100.0	60.8	28.6	6.9	-	3.3	.1	.3
1,200 to 1,499 miles	1,453	100.0	75.3	20.5	1.0	.3	2.2	.7	-
1,500 to 1,999 miles	2,951	100.0	90.8	8.2	.8	.2	-	-	-
2,000 miles and over	1,915	100.0	84.9	10.5	.5	.2	3.1	.8	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 15--Percent Distribution of Weight, by Means of Transport: 1967

Primary Nonferrous Metal Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	21,302	100.0	48.6	36.3	12.9	2.2
Under 1,000 pounds	402	100.0	2.0	82.9	10.2	4.9
Under 50 pounds	9	100.0	2.2	43.7	9.9	44.2
50 to 99 pounds	14	100.0	2.9	71.4	8.3	17.4
100 to 199 pounds	37	100.0	3.4	76.8	10.3	9.5
200 to 499 pounds	132	100.0	1.9	85.2	8.9	4.0
500 to 999 pounds	210	100.0	1.8	85.2	11.2	1.8
1,000 to 9,999 pounds	2,065	100.0	2.1	76.4	20.5	1.0
1,000 to 1,999 pounds	394	100.0	2.2	83.2	13.2	1.4
2,000 to 2,999 pounds	357	100.0	1.8	81.6	16.2	.4
3,000 to 3,999 pounds	266	100.0	3.8	77.2	17.5	1.5
4,000 to 4,999 pounds	214	100.0	2.1	77.8	19.8	.3
5,000 to 9,999 pounds	834	100.0	1.6	70.1	27.0	1.3
10,000 to 29,999 pounds	2,423	100.0	6.6	64.4	27.5	1.5
10,000 to 19,999 pounds	1,155	100.0	5.4	62.5	30.1	2.0
20,000 to 29,999 pounds	1,268	100.0	7.8	66.1	25.1	1.0
30,000 to 59,999 pounds	5,919	100.0	14.4	58.2	26.5	.9
30,000 to 39,999 pounds	2,403	100.0	9.3	62.3	27.7	.7
40,000 to 49,999 pounds	2,910	100.0	11.6	57.1	29.8	1.5
50,000 to 59,999 pounds	606	100.0	48.1	45.6	5.8	.5
60,000 to 89,999 pounds	1,201	100.0	70.8	26.1	2.1	1.0
60,000 to 69,999 pounds	452	100.0	65.7	31.1	2.0	1.2
70,000 to 79,999 pounds	328	100.0	68.4	29.2	2.2	.2
80,000 to 89,999 pounds	421	100.0	78.2	18.1	2.2	1.5
90,000 pounds and over	9,292	100.0	90.9	5.6	.2	3.3
TON-MILES	(millions of ton-miles)					
Total	11,884	100.0	68.6	24.7	4.8	1.9
Under 1,000 pounds	182	100.0	4.8	82.3	3.9	9.0
Under 50 pounds	5	100.0	4.1	39.3	1.9	54.7
50 to 99 pounds	7	100.0	5.4	70.3	2.8	21.5
100 to 199 pounds	19	100.0	6.6	75.5	3.5	14.4
200 to 499 pounds	62	100.0	4.5	83.4	3.4	8.7
500 to 999 pounds	89	100.0	4.7	86.5	4.4	4.4
1,000 to 9,999 pounds	813	100.0	6.6	79.0	11.3	3.1
1,000 to 1,999 pounds	164	100.0	6.9	82.6	6.2	4.3
2,000 to 2,999 pounds	144	100.0	5.9	83.9	8.5	1.7
3,000 to 3,999 pounds	110	100.0	8.3	79.0	8.2	4.5
4,000 to 4,999 pounds	82	100.0	7.2	82.3	10.0	.5
5,000 to 9,999 pounds	313	100.0	5.9	74.1	16.7	3.3
10,000 to 29,999 pounds	923	100.0	15.9	65.1	15.6	3.4
10,000 to 19,999 pounds	435	100.0	13.3	62.3	19.7	4.7
20,000 to 29,999 pounds	488	100.0	18.3	67.6	12.0	2.1
30,000 to 59,999 pounds	2,426	100.0	33.5	51.5	12.9	2.1
30,000 to 39,999 pounds	973	100.0	21.2	64.0	14.0	.8
40,000 to 49,999 pounds	1,030	100.0	27.1	51.8	16.5	4.6
50,000 to 59,999 pounds	423	100.0	77.4	21.2	1.4	-
60,000 to 89,999 pounds	868	100.0	82.8	14.0	.9	2.3
60,000 to 69,999 pounds	330	100.0	79.8	15.2	.8	4.2
70,000 to 79,999 pounds	214	100.0	80.3	18.1	1.5	.1
80,000 to 89,999 pounds	324	100.0	87.5	10.0	.5	2.0
90,000 pounds and over	6,672	100.0	96.2	2.5	.1	1.2

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 15--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Primary Nonferrous Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	21,302	100.0	48.6	36.3	12.9	2.2
Under 200 miles	7,640	100.0	32.5	39.9	24.0	3.6
Under 1,000 pounds	153	100.0	-	78.4	19.4	2.2
1,000 to 9,999 pounds	867	100.0	.1	67.0	32.1	.8
10,000 to 29,999 pounds	1,042	100.0	1.6	53.8	43.7	.9
30,000 to 59,999 pounds	2,559	100.0	2.6	55.3	41.0	1.1
60,000 to 89,999 pounds	261	100.0	60.3	34.9	3.5	1.3
90,000 pounds and over	2,758	100.0	81.4	10.4	.3	7.9
200 to 399 miles	4,065	100.0	35.7	48.6	14.4	1.3
Under 1,000 pounds	100	100.0	.4	89.9	6.3	3.4
1,000 to 9,999 pounds	549	100.0	1.2	84.1	14.3	.4
10,000 to 29,999 pounds	562	100.0	3.8	74.0	21.8	.4
30,000 to 59,999 pounds	1,315	100.0	10.1	63.0	26.7	.2
60,000 to 89,999 pounds	267	100.0	57.3	36.3	5.1	1.3
90,000 pounds and over	1,272	100.0	89.5	6.8	.8	2.9
400 to 599 miles	2,257	100.0	42.9	50.4	6.5	.2
Under 1,000 pounds	49	100.0	1.1	90.3	4.2	4.4
1,000 to 9,999 pounds	239	100.0	1.2	86.4	12.0	.4
10,000 to 29,999 pounds	291	100.0	9.9	79.5	10.1	.5
30,000 to 59,999 pounds	727	100.0	16.2	71.9	11.8	.1
60,000 to 89,999 pounds	171	100.0	65.6	34.4	-	-
90,000 pounds and over	780	100.0	90.8	9.1	-	.1
600 to 999 miles	3,763	100.0	64.8	30.7	3.3	1.2
Under 1,000 pounds	58	100.0	7.3	79.2	4.0	9.5
1,000 to 9,999 pounds	247	100.0	5.6	84.0	9.0	1.4
10,000 to 29,999 pounds	368	100.0	11.8	75.9	9.0	3.3
30,000 to 59,999 pounds	821	100.0	28.9	63.3	7.7	.1
60,000 to 89,999 pounds	229	100.0	74.5	24.3	1.2	-
90,000 pounds and over	2,040	100.0	96.2	2.4	-	1.4
1,000 miles and over	3,577	100.0	84.3	11.4	1.8	2.5
Under 1,000 pounds	42	100.0	6.6	79.6	1.9	11.9
1,000 to 9,999 pounds	163	100.0	12.2	73.1	9.5	5.2
10,000 to 29,999 pounds	160	100.0	31.7	45.8	16.0	6.5
30,000 to 59,999 pounds	497	100.0	60.2	29.9	4.2	5.7
60,000 to 89,999 pounds	273	100.0	94.3	3.8	-	1.9
90,000 pounds and over	2,442	100.0	97.6	1.0	.1	1.3
TON-MILES	(millions of ton-miles)					
Total[1]	11,884	100.0	68.6	24.7	4.8	1.9
Under 200 miles	779	100.0	40.2	38.7	20.0	1.1
Under 1,000 pounds	14	100.0	.1	88.7	9.1	2.1
1,000 to 9,999 pounds	78	100.0	.1	74.1	25.4	.4
10,000 to 29,999 pounds	91	100.0	2.0	60.0	37.5	.5
30,000 to 59,999 pounds	241	100.0	2.5	55.9	40.9	.7
60,000 to 89,999 pounds	29	100.0	61.5	34.6	3.7	.2
90,000 pounds and over	326	100.0	88.2	9.6	.3	1.9
200 to 399 miles	1,163	100.0	35.6	49.0	14.3	1.1
Under 1,000 pounds	29	100.0	.4	90.3	5.9	3.4
1,000 to 9,999 pounds	159	100.0	1.2	84.6	13.9	.3
10,000 to 29,999 pounds	161	100.0	3.9	73.3	22.3	.5
30,000 to 59,999 pounds	379	100.0	10.7	62.9	26.2	.2
60,000 to 89,999 pounds	79	100.0	58.2	35.4	5.1	1.3
90,000 pounds and over	356	100.0	89.8	6.7	.9	2.6

See footnote at end of table.

TABLE 3. SHIPPER GROUP 15--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Primary Nonferrous Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	1,116	100.0	43.3	49.9	6.5	0.3
Under 1,000 pounds	25	100.0	1.3	90.0	4.4	4.3
1,000 to 9,999 pounds	118	100.0	1.3	86.4	12.0	.3
10,000 to 29,999 pounds	142	100.0	9.6	79.2	10.6	.6
30,000 to 59,999 pounds	357	100.0	16.2	71.9	11.8	.1
60,000 to 89,999 pounds	81	100.0	66.1	33.9	-	-
90,000 pounds and over	393	100.0	90.5	9.4	-	.1
600 to 999 miles	2,901	100.0	65.4	30.3	3.1	1.2
Under 1,000 pounds	44	100.0	7.1	79.3	4.2	9.4
1,000 to 9,999 pounds	187	100.0	5.8	83.9	9.0	1.3
10,000 to 29,999 pounds	277	100.0	12.2	75.2	9.0	3.6
30,000 to 59,999 pounds	621	100.0	28.6	64.1	7.2	.1
60,000 to 89,999 pounds	178	100.0	74.3	24.4	1.3	-
90,000 pounds and over	1,594	100.0	96.5	2.3	-	1.2
1,000 miles and over	5,925	100.0	85.4	10.5	1.4	2.7
Under 1,000 pounds	71	100.0	7.4	77.2	1.6	13.8
1,000 to 9,999 pounds	271	100.0	14.4	70.7	6.9	8.0
10,000 to 29,999 pounds	253	100.0	36.2	43.1	13.5	7.2
30,000 to 59,999 pounds	828	100.0	64.2	26.4	3.3	6.1
60,000 to 89,999 pounds	500	100.0	93.8	2.4	-	3.8
90,000 pounds and over	4,002	100.0	97.9	1.0	.1	1.0

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 15--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Primary Nonferrous Metal Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	22,776	100.0	48.4	37.0	12.5	0.1	1.6	0.2	0.2
New England	1,290	100.0	24.4	61.6	12.1	.1	1.6	.1	.1
Middle Atlantic	4,680	100.0	31.4	44.3	18.7	-	5.0	.3	.3
East North Central	5,541	100.0	26.9	54.4	17.9	.2	.1	.4	.1
West North Central	1,277	100.0	39.4	51.1	9.2	.1	-	.1	.1
South Atlantic	1,531	100.0	45.1	33.4	20.8	-	-	.3	.4
East South Central	989	100.0	43.3	50.5	6.2	-	-	-	-
West South Central	3,035	100.0	76.5	13.9	6.5	-	2.7	.3	.1
Mountain	2,388	100.0	96.6	3.4	-	-	-	-	-
Pacific[1]	2,045	100.0	74.4	18.7	5.9	.2	.8	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	13,410	100.0	67.7	26.1	4.5	.2	1.1	.3	.1
New England	922	100.0	44.7	47.9	2.4	.3	4.5	.2	-
Middle Atlantic	1,665	100.0	50.5	36.6	10.2	.1	1.9	.6	.1
East North Central	2,713	100.0	44.3	48.0	6.4	.3	.5	.5	-
West North Central	587	100.0	47.7	45.2	6.8	.1	-	.2	-
South Atlantic	594	100.0	57.2	30.5	10.5	.1	-	1.1	.6
East South Central	572	100.0	47.1	46.8	6.1	-	-	-	-
West South Central	2,139	100.0	85.3	7.8	3.7	-	2.5	.5	.2
Mountain	2,020	100.0	98.3	1.7	-	-	-	-	-
Pacific[1]	2,198	100.0	87.9	10.5	1.1	.3	.2	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 15--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Primary Nonferrous Metal Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	22,776	22,776	1,281	4,257	6,654	1,481	2,305	1,625	2,258	866	2,049
Ton-miles.....millions..	13,410	13,410	548	1,852	3,598	939	1,549	1,044	1,194	382	2,304
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	22,776	100.0	5.6	18.7	29.3	6.5	10.1	7.1	9.9	3.8	9.0
Shipments from--											
New England.....	1,290	100.0	15.4	24.5	26.9	9.2	7.0	2.7	5.1	1.6	7.6
Middle Atlantic.....	4,680	100.0	12.0	45.6	19.4	2.1	12.3	2.4	2.9	.7	2.6
East North Central.....	5,541	100.0	5.1	13.2	46.4	7.5	9.1	4.3	5.8	.9	7.7
West North Central.....	1,277	100.0	1.7	7.7	42.2	14.3	8.1	15.1	4.9	1.1	4.9
South Atlantic.....	1,531	100.0	8.0	19.4	26.4	6.0	27.6	8.7	2.1	.6	1.2
East South Central.....	989	100.0	2.3	18.7	29.6	7.2	16.2	12.2	5.6	.2	8.0
West South Central.....	3,035	100.0	.5	5.8	23.7	11.0	4.3	21.1	27.9	1.4	4.3
Mountain.....	2,388	100.0	2.2	8.0	18.9	1.7	11.0	1.2	25.9	24.4	6.7
Pacific[2].....	2,045	100.0	.3	6.1	20.7	6.2	2.7	6.2	5.9	5.4	46.5
TON-MILES	(millions)										
U.S. total.....	13,410	100.0	4.1	13.8	26.8	7.0	11.6	7.8	8.9	2.8	17.2
Shipments from--											
New England.....	922	100.0	1.4	6.5	27.3	13.2	6.3	3.2	10.6	4.3	27.2
Middle Atlantic.....	1,665	100.0	7.2	14.4	25.0	5.5	11.7	4.3	10.5	3.8	17.6
East North Central.....	2,713	100.0	7.0	12.1	15.3	6.0	11.1	4.6	11.5	1.8	30.6
West North Central.....	587	100.0	4.0	15.5	29.6	6.8	12.6	6.0	6.1	2.9	16.5
South Atlantic.....	594	100.0	7.0	13.3	26.0	13.6	16.6	7.6	5.8	2.9	7.2
East South Central.....	572	100.0	3.9	23.1	19.9	6.2	12.7	2.4	5.9	.4	25.5
West South Central.....	2,139	100.0	.9	12.0	31.6	8.5	6.6	20.5	8.8	1.7	9.4
Mountain.....	2,020	100.0	5.2	18.7	31.7	2.2	24.3	2.0	6.9	4.1	4.9
Pacific[2].....	2,198	100.0	.7	13.2	34.1	8.1	5.4	11.1	8.2	3.4	15.8

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 15--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Primary Nonferrous Metal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	22,776	100.0	48.4	37.0	12.5	0.1	1.6	0.2	0.2
Middle Atlantic, total	4,680	100.0	31.4	44.3	18.7	-	5.0	.3	.3
Shipments to--									
New England	560	100.0	38.6	42.1	18.8	-	.4	-	.1
Middle Atlantic	2,135	100.0	19.7	45.1	27.2	-	7.0	.3	.7
East North Central	908	100.0	42.0	47.5	10.1	.1	-	.3	-
West North Central	98	100.0	47.0	43.3	9.3	.1	-	.3	-
South Atlantic	576	100.0	26.2	49.8	11.1	-	12.7	.1	.1
East South Central	110	100.0	51.5	39.3	8.7	-	-	.4	.1
West South Central	138	100.0	56.0	31.0	9.1	-	3.8	.1	-
Pacific	121	100.0	76.3	12.5	3.5	.3	5.1	2.3	-
East North Central, total	5,541	100.0	26.9	54.4	17.9	.2	.1	.4	.1
Shipments to--									
New England	283	100.0	31.3	63.6	4.8	.2	-	.1	-
Middle Atlantic	733	100.0	24.8	56.7	17.6	.6	-	.3	-
East North Central	2,569	100.0	11.7	58.8	28.9	.1	-	.3	.2
West North Central	417	100.0	44.5	46.1	8.9	.2	-	.3	-
South Atlantic	504	100.0	46.1	46.4	7.4	.1	-	-	-
East South Central	238	100.0	26.8	66.8	6.3	-	-	.1	-
West South Central	322	100.0	17.1	76.7	3.3	.1	-	2.8	-
Pacific	428	100.0	81.3	16.1	1.0	.5	.8	.3	-
West South Central, total	3,035	100.0	76.5	13.9	6.5	-	2.7	.3	.1
Shipments to--									
Middle Atlantic	176	100.0	71.0	15.1	5.3	.1	3.9	4.6	-
East North Central	720	100.0	84.8	8.6	3.7	-	2.4	.1	.4
West North Central	334	100.0	82.7	12.7	3.8	-	.6	-	.2
East South Central	641	100.0	88.0	5.9	2.0	-	4.1	-	-
West South Central	846	100.0	56.7	25.5	14.1	-	3.6	-	.1
Mountain, total	2,388	100.0	96.6	3.4	-	-	-	-	-
Shipments to--									
Middle Atlantic	191	100.0	98.6	1.4	-	-	-	-	-
East North Central	452	100.0	98.8	1.1	.1	-	-	-	-
South Atlantic	263	100.0	99.7	.3	-	-	-	-	-
Pacific, total	2,045	100.0	74.4	18.7	5.9	.2	.8	-	-
Shipments to--									
East North Central	424	100.0	90.3	8.9	.7	.1	-	-	-
Pacific	950	100.0	55.4	30.8	12.0	-	1.8	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	13,410	100.0	67.7	26.1	4.5	.2	1.1	.3	.1
Middle Atlantic, total	1,665	100.0	50.5	36.6	10.2	.1	1.9	.6	.1
Shipments to--									
New England	120	100.0	44.6	38.4	16.7	-	.1	.1	.1
Middle Atlantic	239	100.0	27.6	45.9	24.4	-	1.5	.3	.3
East North Central	417	100.0	47.7	44.1	7.7	.1	-	.4	-
West North Central	91	100.0	46.8	44.6	8.3	.1	-	.2	-
South Atlantic	195	100.0	33.6	51.6	11.6	.1	2.8	.2	.1
East South Central	72	100.0	46.3	45.0	8.2	-	-	.4	.1
West South Central	174	100.0	59.5	28.9	7.4	-	4.1	.1	-
Pacific	294	100.0	76.3	12.3	3.5	.3	5.4	2.2	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 15--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Primary Nonferrous Metal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	2,713	100.0	44.3	48.0	6.4	0.3	0.5	0.5	-
Shipments to--									
New England	189	100.0	32.8	63.2	3.7	.2	-	.1	-
Middle Atlantic	328	100.0	34.9	52.7	11.4	.8	-	.2	-
East North Central	415	100.0	16.3	63.8	19.3	.1	-	.2	0.3
West North Central	164	100.0	43.6	47.8	8.1	.2	-	.3	-
South Atlantic	301	100.0	37.7	57.2	5.0	.1	-	-	-
East South Central	125	100.0	21.9	72.8	5.3	-	-	-	-
West South Central	312	100.0	14.1	81.1	2.3	.1	-	2.4	-
Pacific	829	100.0	80.2	16.3	.9	.4	1.8	.4	-
West South Central, total	2,139	100.0	85.3	7.8	3.7	-	2.5	.5	.2
Shipments to--									
Middle Atlantic	256	100.0	77.5	11.0	3.8	-	3.5	4.2	-
East North Central	676	100.0	86.7	6.2	3.7	-	2.9	.1	.4
West North Central	182	100.0	85.3	10.7	2.7	-	1.0	-	.3
East South Central	439	100.0	91.3	3.1	1.8	-	3.8	-	-
West South Central	189	100.0	69.3	16.6	10.3	-	3.7	-	.1
Mountain, total	2,020	100.0	98.3	1.7	-	-	-	-	-
Shipments to--									
Middle Atlantic	377	100.0	98.7	1.3	-	-	-	-	-
East North Central	642	100.0	98.7	1.2	.1	-	-	-	-
South Atlantic	491	100.0	99.7	.3	-	-	-	-	-
Pacific, total	2,198	100.0	87.9	10.5	1.1	.3	.2	-	-
Shipments to--									
East North Central	753	100.0	90.3	8.9	.7	.1	-	-	-
Pacific	346	100.0	70.7	23.5	4.3	-	1.3	-	.2

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 15--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Primary Nonferrous Metal Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	22,776	3,335	6,739	12,702	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	13,410	1,748	3,590	8,072
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	48.4	20.9	40.1	60.2	67.7	38.8	63.8	75.7
Motor carrier.....	37.0	46.5	40.8	32.5	26.1	50.2	26.8	20.5
Private truck.....	12.5	32.2	18.2	4.2	4.5	10.8	8.1	1.6
Air.....	.1	-	.1	.1	.2	.1	.1	.2
Water.....	1.6	.3	.4	2.5	1.1	-	.8	1.5
Other.....	.2	.1	.2	.3	.3	.1	.3	.4
Unknown.....	.2	-	.2	.2	.1	-	.1	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	16.9	21.2	19.7	14.3	1.4	1.9	2.0	1.0
100 to 199 miles.....	17.0	15.6	18.7	16.4	4.4	4.3	5.3	4.1
200 to 299 miles.....	11.2	15.0	12.9	9.3	4.8	7.2	5.9	3.7
300 to 399 miles.....	7.4	11.0	7.9	6.2	4.3	6.9	5.1	3.4
400 to 499 miles.....	6.7	3.8	5.9	7.8	5.1	3.2	5.0	5.6
500 to 999 miles.....	22.1	14.6	18.1	26.3	27.4	19.5	24.4	30.4
1,000 miles and over.....	18.7	18.8	16.8	19.7	52.6	57.0	52.3	51.8

Table 8. SHIPPER GROUP 15--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Primary Nonferrous Metal Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	43.2	27.6	59.2	92.3
Highway facilities.....	88.0	98.4	86.5	83.6
Rail and highway facilities.....	33.9	20.1	48.5	75.9
Air facilities.....	76.1	77.8	71.3	79.4
Rail, highway, and air facilities.....	27.2	17.0	35.9	63.6
Water facilities.....	17.7	14.0	18.9	36.1
Rail, highway, air, and water facilities.	8.0	4.0	9.3	28.4

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 151--Percent Distribution of Distance, by Means of Transport: 1967

Nonferrous Metals Primary Smelter Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	11,156	100.0	70.4	15.7	10.8	-	2.8	0.1	0.2
Under 50 miles	1,252	100.0	25.6	26.7	28.6	-	18.4	.1	.6
50 to 99 miles	1,053	100.0	42.2	35.2	21.5	-	.2	-	.7
100 to 199 miles	2,105	100.0	67.7	17.6	14.7	-	-	-	-
200 to 299 miles	1,134	100.0	61.1	23.0	12.9	-	2.7	-	.3
300 to 399 miles	504	100.0	60.8	26.4	11.1	-	1.3	.1	.3
400 to 499 miles	607	100.0	79.3	16.8	3.7	0.2	-	-	-
500 to 599 miles	335	100.0	71.8	21.9	6.0	-	-	.2	.1
600 to 799 miles	856	100.0	85.8	7.0	4.7	-	2.3	.2	-
800 to 999 miles	932	100.0	95.0	3.1	1.3	-	.2	-	.4
1,000 to 1,199 miles	362	100.0	91.3	1.9	1.9	-	4.8	.1	-
1,200 to 1,499 miles	579	100.0	94.9	1.3	.9	-	1.6	1.3	-
1,500 to 1,999 miles	1,036	100.0	99.2	.4	.4	-	-	-	-
2,000 miles and over	401	100.0	99.4	.5	-	-	-	-	.1
TON-MILES	(millions of ton-miles)								
Total	6,669	100.0	90.0	5.7	3.1	-	.9	.2	.1
Under 50 miles	33	100.0	27.0	24.3	29.2	-	19.0	.1	.4
50 to 99 miles	80	100.0	43.5	35.1	20.6	-	.2	-	.6
100 to 199 miles	334	100.0	70.7	15.7	13.6	-	-	-	-
200 to 299 miles	285	100.0	62.0	22.4	12.7	-	2.5	-	.4
300 to 399 miles	175	100.0	61.6	26.0	11.2	-	1.3	.1	.3
400 to 499 miles	279	100.0	80.0	16.2	3.6	.2	-	-	-
500 to 599 miles	185	100.0	71.6	22.0	6.1	-	-	.2	.1
600 to 799 miles	590	100.0	85.9	7.1	4.4	-	2.4	.2	-
800 to 999 miles	820	100.0	95.0	3.1	1.3	-	.2	-	.4
1,000 to 1,199 miles	402	100.0	91.4	1.9	1.8	-	4.8	.1	-
1,200 to 1,499 miles	785	100.0	95.1	1.3	.8	-	1.5	1.3	-
1,500 to 1,999 miles	1,842	100.0	99.3	.3	.4	-	-	-	-
2,000 miles and over	859	100.0	99.4	.5	-	-	-	-	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 151--Percent Distribution of Weight, by Means of Transport: 1967

Nonferrous Metals Primary Smelter Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	10,586	100.0	69.4	16.2	11.1	3.3
Under 1,000 pounds	46	100.0	.3	86.3	11.4	2.0
Under 50 pounds	1	100.0	.1	53.8	6.5	39.6
50 to 99 pounds	2	100.0	.5	80.2	12.0	7.3
100 to 199 pounds	3	100.0	.4	70.5	23.6	5.5
200 to 499 pounds	17	100.0	.7	89.4	9.3	.6
500 to 999 pounds	23	100.0	-	88.0	11.4	.6
1,000 to 9,999 pounds	287	100.0	1.1	57.9	39.8	1.2
1,000 to 1,999 pounds	35	100.0	-	74.4	25.2	.4
2,000 to 2,999 pounds	50	100.0	.6	64.5	34.7	.2
3,000 to 3,999 pounds	37	100.0	.2	56.1	42.6	1.1
4,000 to 4,999 pounds	47	100.0	1.1	61.8	36.2	.9
5,000 to 9,999 pounds	118	100.0	1.8	49.3	46.8	2.1
10,000 to 29,999 pounds	453	100.0	5.2	39.5	53.9	1.4
10,000 to 19,999 pounds	181	100.0	6.6	40.5	52.1	.8
20,000 to 29,999 pounds	272	100.0	4.2	38.9	55.2	1.7
30,000 to 59,999 pounds	1,955	100.0	6.7	51.5	40.5	1.3
30,000 to 39,999 pounds	622	100.0	2.9	49.5	46.4	1.2
40,000 to 49,999 pounds	1,130	100.0	4.8	51.2	42.7	1.3
50,000 to 59,999 pounds	203	100.0	29.1	59.0	10.5	1.4
60,000 to 89,999 pounds	243	100.0	68.7	26.5	1.9	2.9
60,000 to 69,999 pounds	92	100.0	75.0	20.3	2.3	2.4
70,000 to 79,999 pounds	49	100.0	70.3	28.5	-	1.2
80,000 to 89,999 pounds	102	100.0	62.5	31.1	2.5	3.9
90,000 pounds and over	7,602	100.0	92.4	3.4	.1	4.1
TON-MILES	(millions of ton-miles)					
Total	6,114	100.0	89.7	6.0	3.0	1.3
Under 1,000 pounds	15	100.0	.4	91.5	4.7	3.4
Under 50 pounds	-	-	-	-	-	-
50 to 99 pounds	1	100.0	.6	81.7	5.5	12.2
100 to 199 pounds	1	100.0	.2	78.1	9.5	12.2
200 to 499 pounds	6	100.0	.8	94.6	3.2	1.4
500 to 999 pounds	7	100.0	-	94.4	5.1	.5
1,000 to 9,999 pounds	65	100.0	3.2	71.8	24.1	.9
1,000 to 1,999 pounds	9	100.0	.1	85.7	13.7	.5
2,000 to 2,999 pounds	11	100.0	3.3	75.6	20.7	.4
3,000 to 3,999 pounds	10	100.0	.8	68.9	29.1	1.2
4,000 to 4,999 pounds	9	100.0	3.4	78.1	16.9	1.6
5,000 to 9,999 pounds	26	100.0	5.0	64.6	29.6	.8
10,000 to 29,999 pounds	101	100.0	20.1	45.7	32.7	1.5
10,000 to 19,999 pounds	46	100.0	23.8	43.8	31.5	.9
20,000 to 29,999 pounds	55	100.0	17.1	46.9	33.8	2.2
30,000 to 59,999 pounds	401	100.0	20.3	45.6	32.7	1.4
30,000 to 39,999 pounds	131	100.0	9.3	55.9	34.2	.6
40,000 to 49,999 pounds	210	100.0	12.6	45.1	40.3	2.0
50,000 to 59,999 pounds	60	100.0	71.4	25.6	2.8	.2
60,000 to 89,999 pounds	138	100.0	86.0	12.6	.6	.8
60,000 to 69,999 pounds	65	100.0	91.1	8.7	.1	.1
70,000 to 79,999 pounds	22	100.0	82.5	16.9	-	.6
80,000 to 89,999 pounds	51	100.0	81.0	15.7	1.5	1.8
90,000 pounds and over	5,394	100.0	97.5	1.1	-	1.4

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 151--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Nonferrous Metals Primary Smelter Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	10,586	100.0	69.4	16.2	11.1	3.3
Under 200 miles	4,391	100.0	49.8	24.4	20.2	5.6
Under 1,000 pounds	20	100.0	.1	81.7	16.3	1.9
1,000 to 9,999 pounds	169	100.0	.2	47.7	50.4	1.7
10,000 to 29,999 pounds	292	100.0	1.7	30.8	66.2	1.3
30,000 to 59,999 pounds	1,294	100.0	1.9	50.8	45.7	1.6
60,000 to 89,999 pounds	75	100.0	43.6	49.2	2.8	4.4
90,000 pounds and over	2,541	100.0	83.6	7.5	.4	8.5
200 to 399 miles	1,570	100.0	61.2	23.5	12.7	2.6
Under 1,000 pounds	14	100.0	.5	85.4	13.1	1.0
1,000 to 9,999 pounds	62	100.0	1.6	69.1	28.9	.4
10,000 to 29,999 pounds	100	100.0	3.4	54.6	40.8	1.2
30,000 to 59,999 pounds	409	100.0	9.2	57.3	33.4	.1
60,000 to 89,999 pounds	57	100.0	69.9	19.4	4.4	6.3
90,000 pounds and over	928	100.0	94.6	1.4	-	4.0
400 to 599 miles	767	100.0	72.7	22.3	4.7	.3
Under 1,000 pounds	6	100.0	.6	96.0	1.9	1.5
1,000 to 9,999 pounds	40	100.0	1.1	78.9	19.2	.8
10,000 to 29,999 pounds	30	100.0	15.9	67.2	16.9	-
30,000 to 59,999 pounds	117	100.0	17.6	61.9	19.9	.6
60,000 to 89,999 pounds	29	100.0	70.0	30.0	-	-
90,000 pounds and over	545	100.0	93.8	5.9	.1	.2
600 to 999 miles	1,722	100.0	91.1	4.9	2.4	1.6
Under 1,000 pounds	4	100.0	.1	95.2	1.8	2.9
1,000 to 9,999 pounds	10	100.0	5.5	72.5	19.2	2.8
10,000 to 29,999 pounds	14	100.0	14.8	64.6	12.8	7.8
30,000 to 59,999 pounds	93	100.0	17.3	41.1	40.7	.9
60,000 to 89,999 pounds	35	100.0	79.1	20.9	-	-
90,000 pounds and over	1,566	100.0	97.2	1.2	-	1.6
1,000 miles and over	2,136	100.0	97.1	.9	.4	1.6
Under 1,000 pounds	3	100.0	.1	92.7	-	7.2
1,000 to 9,999 pounds	6	100.0	12.0	63.3	24.7	-
10,000 to 29,999 pounds	17	100.0	48.6	31.5	18.2	1.7
30,000 to 59,999 pounds	41	100.0	76.1	9.6	7.7	6.6
60,000 to 89,999 pounds	47	100.0	99.2	.8	-	-
90,000 pounds and over	2,022	100.0	98.2	.2	-	1.6
TON-MILES	(millions of ton-miles)					
Total[1]	6,114	100.0	89.7	6.0	3.0	1.3
Under 200 miles	446	100.0	62.9	19.7	15.9	1.5
Under 1,000 pounds	2	100.0	.1	92.4	6.2	1.3
1,000 to 9,999 pounds	12	100.0	.4	65.6	33.0	1.0
10,000 to 29,999 pounds	22	100.0	2.7	37.3	59.4	.6
30,000 to 59,999 pounds	106	100.0	2.5	46.8	50.0	.7
60,000 to 89,999 pounds	7	100.0	44.7	53.8	.7	.8
90,000 pounds and over	297	100.0	92.0	5.7	.3	2.0
200 to 399 miles	439	100.0	62.2	23.0	12.4	2.4
Under 1,000 pounds	4	100.0	.6	86.1	12.3	1.0
1,000 to 9,999 pounds	17	100.0	1.7	70.5	27.4	.4
10,000 to 29,999 pounds	26	100.0	3.3	54.5	40.8	1.4
30,000 to 59,999 pounds	115	100.0	9.9	56.8	33.2	.1
60,000 to 89,999 pounds	16	100.0	71.7	17.1	4.8	6.4
90,000 pounds and over	261	100.0	95.0	1.4	-	3.6

See footnote at end of table.

TABLE 3. SHIPPER CLASS 151--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Nonferrous Metals Primary Smelter Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	380	100.0	72.9	22.1	4.7	0.3
Under 1,000 pounds	3	100.0	.7	95.8	2.0	1.5
1,000 to 9,999 pounds	19	100.0	1.3	79.7	18.2	.8
10,000 to 29,999 pounds	14	100.0	17.8	65.6	16.6	-
30,000 to 59,999 pounds	57	100.0	17.4	61.3	20.6	.7
60,000 to 89,999 pounds	15	100.0	69.8	30.2	-	-
90,000 pounds and over	272	100.0	93.4	6.3	.1	.2
600 to 999 miles	1,357	100.0	91.6	4.8	2.1	1.5
Under 1,000 pounds	3	100.0	.1	94.8	2.2	2.9
1,000 to 9,999 pounds	8	100.0	5.7	73.2	18.5	2.6
10,000 to 29,999 pounds	10	100.0	16.7	61.3	14.9	7.1
30,000 to 59,999 pounds	65	100.0	18.0	43.0	38.2	.8
60,000 to 89,999 pounds	27	100.0	78.2	21.8	-	-
90,000 pounds and over	1,244	100.0	97.2	1.3	-	1.5
1,000 miles and over	3,492	100.0	97.7	.8	.3	1.2
Under 1,000 pounds	4	100.0	.1	90.9	-	9.0
1,000 to 9,999 pounds	9	100.0	11.4	64.9	23.7	-
10,000 to 29,999 pounds	28	100.0	51.8	27.5	19.3	1.4
30,000 to 59,999 pounds	58	100.0	78.9	9.3	5.8	6.0
60,000 to 89,999 pounds	73	100.0	99.1	.9	-	-
90,000 pounds and over	3,320	100.0	98.7	.2	-	1.1

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 151--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Nonferrous Metals Primary Smelter Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	11,156	100.0	70.4	15.7	10.8	-	2.8	0.1	0.2
Middle Atlantic	2,184	100.0	43.9	27.6	17.7	-	10.0	.1	.7
East North Central	1,512	100.0	31.8	42.7	25.2	-	-	.1	.2
South Atlantic	749	100.0	54.2	11.3	34.4	-	-	-	.1
East South Central	174	100.0	76.3	11.6	12.0	-	-	-	.1
West South Central	2,653	100.0	86.2	7.3	2.9	-	3.1	.3	.2
Mountain	2,343	100.0	97.7	2.3	-	-	-	-	-
Pacific[1]	1,267	100.0	83.6	10.7	4.5	-	1.2	-	-
Balance of United States[2]	274	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	6,669	100.0	90.0	5.7	3.1	-	.9	.2	.1
Middle Atlantic	498	100.0	69.6	19.4	8.7	-	1.8	.3	.2
East North Central	407	100.0	50.8	33.6	15.3	0.1	-	-	.2
South Atlantic	214	100.0	67.8	10.4	21.7	-	-	-	.1
East South Central	75	100.0	78.1	12.3	9.5	-	-	-	.1
West South Central	1,957	100.0	91.6	2.9	2.0	-	2.7	.6	.2
Mountain	1,970	100.0	99.4	.6	-	-	-	-	-
Pacific[1]	1,402	100.0	96.8	2.9	.3	-	-	-	-
Balance of United States[2]	146	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 151--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Nonferrous Metals Primary Smelter Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	11,156	11,156	448	2,036	3,015	554	1,133	965	1,422	676	907
Ton-miles.....millions..	6,669	6,669	241	1,117	2,154	351	916	713	443	186	548
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	11,156	100.0	4.0	18.3	26.9	5.0	10.2	8.7	12.7	6.1	8.1
Shipments from--											
Middle Atlantic.....	2,184	100.0	12.7	55.5	16.7	.8	10.2	2.5	.4	1.0	.2
East North Central.....	1,512	100.0	.8	6.5	64.1	8.3	13.0	2.4	3.7	.1	1.1
South Atlantic.....	749	100.0	7.4	21.8	20.8	2.4	35.5	11.5	.2	.1	.3
East South Central.....	174	100.0	2.4	31.1	18.5	1.1	12.5	30.1	2.9	-	1.4
West South Central.....	2,653	100.0	.6	5.9	24.5	10.8	4.1	23.2	25.1	1.2	4.6
Mountain.....	2,343	100.0	2.2	8.0	18.6	1.7	11.2	1.2	26.1	24.9	6.1
Pacific[2].....	1,267	100.0	.2	7.7	23.3	3.5	3.4	7.0	3.4	2.9	48.6
Balance of U.S.[3].....	274	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	6,669	100.0	3.6	16.8	32.3	5.3	13.7	10.7	6.6	2.8	8.2
Shipments from--											
Middle Atlantic.....	498	100.0	13.2	23.2	30.7	3.5	9.6	6.1	2.6	8.5	2.6
East North Central.....	407	100.0	1.7	9.7	32.6	11.1	22.2	3.6	10.7	.4	8.0
South Atlantic.....	214	100.0	6.9	18.9	29.6	6.0	25.7	9.5	.7	.5	2.2
East South Central.....	75	100.0	5.3	49.8	14.0	1.1	12.9	6.2	3.9	-	6.8
West South Central.....	1,957	100.0	1.0	12.1	31.5	8.2	6.3	21.8	8.2	1.3	9.6
Mountain.....	1,970	100.0	5.2	18.9	31.2	2.2	24.8	2.0	6.9	4.2	4.6
Pacific[2].....	1,402	100.0	.5	16.1	37.0	4.8	6.7	12.5	4.9	2.3	15.2
Balance of U.S.[3].....	146	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 151--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Nonferrous Metals Primary Smelter Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	11,156	100.0	70.4	15.7	10.8	-	2.8	0.1	0.2
Middle Atlantic, total	2,184	100.0	43.9	27.6	17.7	-	10.0	.1	.7
Shipments to--									
New England	278	100.0	77.5	11.1	10.3	-	.8	-	.3
Middle Atlantic	1,211	100.0	28.0	32.1	26.8	-	11.9	-	1.2
East North Central	364	100.0	64.4	30.7	4.4	-	-	.5	-
South Atlantic	222	100.0	34.2	28.7	5.1	-	31.8	-	.2
East North Central, total	1,512	100.0	31.8	42.7	25.2	-	-	.1	.2
Shipments to--									
Middle Atlantic	99	100.0	26.1	58.9	15.0	-	-	-	-
East North Central	967	100.0	14.4	51.9	33.2	-	-	.1	.4
West South Central, total	2,653	100.0	86.2	7.3	2.9	-	3.1	.3	.2
Shipments to--									
Middle Atlantic	156	100.0	79.8	4.7	5.9	-	4.4	5.2	-
East North Central	650	100.0	91.4	4.0	1.3	-	2.7	.1	.5
West North Central	287	100.0	92.9	5.3	.9	-	.7	-	.2
West South Central	666	100.0	71.1	17.2	7.1	-	4.5	-	.1
Mountain, total	2,343	100.0	97.7	2.3	-	-	-	-	-
Shipments to--									
Middle Atlantic	188	100.0	99.1	.9	-	-	-	-	-
East North Central	435	100.0	99.9	.1	-	-	-	-	-
South Atlantic	261	100.0	100.0	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	6,669	100.0	90.0	5.7	3.1	-	.9	.2	.1
Middle Atlantic, total	498	100.0	69.6	19.4	8.7	-	1.8	.3	.2
Shipments to--									
New England	66	100.0	80.7	12.3	6.6	-	.2	-	.2
Middle Atlantic	116	100.0	43.8	30.3	22.6	-	2.8	-	.5
East North Central	153	100.0	78.8	17.4	2.9	-	-	.8	.1
South Atlantic	48	100.0	47.9	37.9	8.3	-	5.5	-	.4
East North Central, total	407	100.0	50.8	33.6	15.3	0.1	-	-	.2
Shipments to--									
Middle Atlantic	39	100.0	32.3	55.2	12.5	-	-	-	-
East North Central	132	100.0	17.5	56.3	25.5	-	-	-	.7
West South Central, total	1,957	100.0	91.6	2.9	2.0	-	2.7	.6	.2
Shipments to--									
Middle Atlantic	236	100.0	83.8	3.7	4.1	-	3.8	4.6	-
East North Central	619	100.0	92.5	2.9	1.0	-	3.1	.1	.4
West North Central	160	100.0	95.0	2.9	.7	-	1.1	-	.3
West South Central	161	100.0	80.0	8.1	7.5	-	4.3	-	.1
Mountain, total	1,970	100.0	99.4	.6	-	-	-	-	-
Shipments to--									
Middle Atlantic	372	100.0	99.3	.7	-	-	-	-	-
East North Central	613	100.0	99.9	.1	-	-	-	-	-
South Atlantic	488	100.0	100.0	-	-	-	-	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 151--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Nonferrous Metals Primary Smelter Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	11,156	972	3,555	6,629	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	6,669	183	2,109	4,377
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	70.4	19.0	61.7	82.4	90.0	31.5	86.7	94.0
Motor carrier.....	15.7	23.6	21.2	11.7	5.7	27.8	7.9	3.7
Private truck.....	10.8	56.3	16.5	1.1	3.1	40.4	5.2	.5
Air.....	-	-	-	-	-	.1	-	-
Water.....	2.8	1.0	.4	4.4	.9	.1	-	1.4
Other.....	.1	.1	.1	.1	.2	.1	.1	.3
Unknown.....	.2	-	.1	.3	.1	-	.1	.1
DISTANCE OF SHIPMENTS								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	20.7	38.8	21.8	17.4	1.7	9.9	2.1	1.2
100 to 199 miles.....	18.9	20.8	17.1	19.5	5.0	16.6	4.5	4.8
200 to 299 miles.....	10.2	29.5	12.6	6.0	4.3	39.9	5.1	2.4
300 to 399 miles.....	4.5	2.5	7.2	3.4	2.6	4.4	4.2	1.8
400 to 499 miles.....	5.4	3.2	4.2	6.4	4.2	7.5	3.2	4.5
500 to 999 miles.....	19.0	4.5	14.9	23.4	23.9	14.6	18.1	27.1
1,000 miles and over.....	21.3	.7	22.2	23.9	58.3	7.1	62.8	58.2

Table 8. SHIPPER CLASS 151--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Nonferrous Metals Primary Smelter Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	63.0	40.4	90.5	95.7
Highway facilities	90.2	100.0	79.4	73.9
Rail and highway facilities	53.2	40.4	69.9	69.6
Air facilities	67.3	67.4	64.8	71.7
Rail, highway, and air facilities	43.8	40.4	46.0	52.2
Water facilities	29.8	27.0	25.2	50.0
Rail, highway, air, and water facilities	16.7	13.5	12.6	37.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 152--Percent Distribution of Distance, by Means of Transport: 1967

Nonferrous Metal Basic Shapes

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	10,167	100.0	29.0	56.1	13.8	0.2	0.4	0.4	0.1
Under 50 miles	596	100.0	6.0	55.2	37.3	-	.5	.7	.3
50 to 99 miles	628	100.0	3.9	62.6	32.7	-	.4	.2	.2
100 to 199 miles	1,439	100.0	6.8	67.8	24.9	.1	-	.3	.1
200 to 299 miles	1,210	100.0	18.9	62.9	17.7	-	-	.4	.1
300 to 399 miles	926	100.0	20.9	61.7	17.2	-	-	.1	.1
400 to 499 miles	823	100.0	24.1	68.7	7.1	-	-	.1	-
500 to 599 miles	538	100.0	31.1	59.6	8.9	.1	-	.3	-
600 to 799 miles	1,371	100.0	44.4	51.6	3.5	.3	-	.2	-
800 to 999 miles	787	100.0	32.7	61.5	4.3	.1	-	1.4	-
1,000 to 1,199 miles	298	100.0	23.6	60.6	13.5	.1	1.4	.1	.7
1,200 to 1,499 miles	494	100.0	51.6	43.7	1.3	.6	2.7	.1	-
1,500 to 1,999 miles	606	100.0	78.1	20.1	1.4	.4	-	-	-
2,000 miles and over	451	100.0	75.1	18.1	.9	.3	4.2	1.4	-
TON-MILES	(millions of ton-miles)								
Total	6,307	100.0	47.8	44.1	5.9	.3	1.3	.5	.1
Under 50 miles	15	100.0	4.9	59.7	33.8	-	.7	.5	.4
50 to 99 miles	46	100.0	4.6	63.0	31.5	-	.4	.2	.3
100 to 199 miles	216	100.0	6.4	68.3	24.8	.1	-	.3	.1
200 to 299 miles	301	100.0	18.3	63.5	17.7	-	-	.4	.1
300 to 399 miles	318	100.0	20.9	61.4	17.4	.1	-	.1	.1
400 to 499 miles	368	100.0	24.1	68.7	7.1	-	-	.1	-
500 to 599 miles	300	100.0	31.5	59.2	8.9	.1	-	.3	-
600 to 799 miles	945	100.0	44.8	51.2	3.5	.3	-	.2	-
800 to 999 miles	695	100.0	32.9	61.4	4.3	.1	-	1.3	-
1,000 to 1,199 miles	324	100.0	23.6	60.6	13.3	.1	1.5	.1	.8
1,200 to 1,499 miles	657	100.0	52.8	42.3	1.3	.6	2.9	.1	-
1,500 to 1,999 miles	1,086	100.0	78.4	19.8	1.4	.4	-	-	-
2,000 miles and over	1,036	100.0	74.0	17.6	1.0	.3	5.7	1.4	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 152--Percent Distribution of Weight, by Means of Transport: 1967

Nonferrous Metal Basic Shapes

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	9,307	100.0	29.5	54.5	14.8	1.2
Under 1,000 pounds	220	100.0	3.0	82.2	8.0	6.8
Under 50 pounds	6	100.0	3.0	30.0	8.7	58.3
50 to 99 pounds	8	100.0	3.6	63.8	8.2	24.4
100 to 199 pounds	20	100.0	4.8	74.4	7.8	13.0
200 to 499 pounds	71	100.0	2.8	84.0	7.0	6.2
500 to 999 pounds	115	100.0	2.7	86.3	8.6	2.4
1,000 to 9,999 pounds	1,230	100.0	2.6	77.8	18.2	1.4
1,000 to 1,999 pounds	231	100.0	3.0	83.6	11.2	2.2
2,000 to 2,999 pounds	197	100.0	2.0	80.0	17.2	.8
3,000 to 3,999 pounds	154	100.0	4.6	77.6	15.8	2.0
4,000 to 4,999 pounds	119	100.0	2.4	81.1	16.2	.3
5,000 to 9,999 pounds	529	100.0	2.2	73.7	22.7	1.4
10,000 to 29,999 pounds	1,644	100.0	7.9	69.0	21.3	1.8
10,000 to 19,999 pounds	744	100.0	6.8	63.1	27.1	3.0
20,000 to 29,999 pounds	900	100.0	8.8	73.8	16.5	.9
30,000 to 59,999 pounds	3,779	100.0	18.2	60.8	20.0	1.0
30,000 to 39,999 pounds	1,696	100.0	11.4	66.9	21.2	.5
40,000 to 49,999 pounds	1,688	100.0	16.0	59.8	22.6	1.6
50.000 to 59,999 pounds	395	100.0	57.2	39.6	3.2	-
60,000 to 89,999 pounds	777	100.0	64.6	32.0	2.7	.7
60,000 to 69,999 pounds	300	100.0	55.8	40.8	2.4	1.0
70,000 to 79,999 pounds	228	100.0	61.0	35.9	3.1	-
80,000 to 89,999 pounds	249	100.0	78.7	17.8	2.7	.8
90,000 pounds and over	1,657	100.0	83.6	15.5	.7	.2
TON-MILES	(millions of ton-miles)					
Total	5,345	100.0	48.9	41.8	6.7	2.6
Under 1,000 pounds	120	100.0	6.1	78.7	4.4	10.8
Under 50 pounds	3	100.0	4.7	29.5	1.9	63.9
50 to 99 pounds	5	100.0	6.2	63.6	3.3	26.9
100 to 199 pounds	12	100.0	8.4	72.2	3.7	15.7
200 to 499 pounds	42	100.0	5.7	79.6	3.9	10.8
500 to 999 pounds	58	100.0	6.1	83.3	5.0	5.6
1,000 to 9,999 pounds	574	100.0	7.7	76.9	11.3	4.1
1,000 to 1,999 pounds	114	100.0	8.8	79.0	6.3	5.9
2,000 to 2,999 pounds	94	100.0	6.4	81.2	9.7	2.7
3,000 to 3,999 pounds	74	100.0	10.5	76.8	6.8	5.9
4,000 to 4,999 pounds	56	100.0	5.8	83.5	10.2	.5
5,000 to 9,999 pounds	236	100.0	7.3	72.5	15.9	4.3
10,000 to 29,999 pounds	731	100.0	17.1	65.3	13.7	3.9
10,000 to 19,999 pounds	325	100.0	14.5	59.8	19.6	6.1
20,000 to 29,999 pounds	406	100.0	19.3	69.6	8.9	2.2
30,000 to 59,999 pounds	1,958	100.0	36.8	51.7	9.1	2.4
30,000 to 39,999 pounds	819	100.0	23.3	65.2	10.8	.7
40,000 to 49,999 pounds	778	100.0	31.7	51.9	10.9	5.5
50,000 to 59,999 pounds	361	100.0	78.3	20.6	1.1	-
60,000 to 89,999 pounds	690	100.0	81.2	15.0	1.0	2.8
60,000 to 69,999 pounds	252	100.0	75.9	17.6	1.0	5.5
70,000 to 79,999 pounds	179	100.0	78.6	19.7	1.7	-
80,000 to 89,999 pounds	259	100.0	88.2	9.3	.4	2.1
90,000 pounds and over	1,272	100.0	91.0	8.5	.5	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 152--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Nonferrous Metal Basic Shapes

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	9,307	100.0	29.5	54.5	14.8	1.2
Under 200 miles	2,642	100.0	5.9	63.7	29.5	.9
Under 1,000 pounds	70	100.0	.1	83.5	13.6	2.8
1,000 to 9,999 pounds	471	100.0	-	73.4	25.8	.8
10,000 to 29,999 pounds	605	100.0	1.2	64.4	33.4	1.0
30,000 to 59,999 pounds	1,230	100.0	3.3	60.4	35.7	.6
60,000 to 89,999 pounds	76	100.0	19.9	71.1	9.0	-
90,000 pounds and over	190	100.0	48.9	49.8	-	1.3
200 to 399 miles	2,030	100.0	20.7	60.8	18.1	.4
Under 1,000 pounds	47	100.0	.2	86.0	7.7	6.1
1,000 to 9,999 pounds	275	100.0	.4	80.5	18.4	.7
10,000 to 29,999 pounds	353	100.0	4.2	73.6	21.9	.3
30,000 to 59,999 pounds	845	100.0	9.0	65.3	25.4	.3
60,000 to 89,999 pounds	168	100.0	42.4	51.0	6.6	-
90,000 pounds and over	342	100.0	75.4	21.5	3.1	-
400 to 599 miles	1,300	100.0	28.1	63.5	8.1	.3
Under 1,000 pounds	30	100.0	1.7	87.6	5.4	5.3
1,000 to 9,999 pounds	157	100.0	1.6	86.4	11.9	.1
10,000 to 29,999 pounds	244	100.0	9.7	80.0	9.7	.6
30,000 to 59,999 pounds	527	100.0	16.3	72.1	11.6	-
60,000 to 89,999 pounds	111	100.0	55.1	44.9	-	-
90,000 pounds and over	231	100.0	83.0	17.0	-	-
600 to 999 miles	1,927	100.0	44.9	50.4	3.7	1.0
Under 1,000 pounds	42	100.0	8.6	75.6	4.8	11.0
1,000 to 9,999 pounds	193	100.0	6.1	82.7	9.6	1.6
10,000 to 29,999 pounds	300	100.0	13.7	74.3	8.3	3.7
30,000 to 59,999 pounds	723	100.0	30.4	66.4	3.2	-
60,000 to 89,999 pounds	195	100.0	73.6	24.9	1.5	-
90,000 pounds and over	474	100.0	93.8	6.2	-	-
1,000 miles and over	1,408	100.0	66.6	25.6	4.0	3.8
Under 1,000 pounds	31	100.0	7.6	77.2	2.6	12.6
1,000 to 9,999 pounds	134	100.0	12.6	70.8	10.5	6.1
10,000 to 29,999 pounds	142	100.0	29.8	47.3	15.8	7.1
30,000 to 59,999 pounds	455	100.0	58.7	31.8	3.9	5.6
60,000 to 89,999 pounds	227	100.0	93.2	4.5	-	2.3
90,000 pounds and over	419	100.0	95.0	4.7	.3	-
TON-MILES	(millions of ton-miles)					
Total[1]	5,345	100.0	48.9	41.8	6.7	2.6
Under 200 miles	274	100.0	6.0	67.0	26.3	.7
Under 1,000 pounds	7	100.0	.1	87.9	9.2	2.8
1,000 to 9,999 pounds	45	100.0	-	78.3	21.1	.6
10,000 to 29,999 pounds	56	100.0	1.8	69.0	28.5	.7
30,000 to 59,999 pounds	132	100.0	2.6	62.8	33.9	.7
60,000 to 89,999 pounds	9	100.0	17.8	70.9	11.3	-
90,000 pounds and over	25	100.0	41.7	57.9	-	.4
200 to 399 miles	588	100.0	20.7	60.8	18.2	.3
Under 1,000 pounds	14	100.0	.2	86.2	7.5	6.1
1,000 to 9,999 pounds	80	100.0	.3	80.6	18.5	.6
10,000 to 29,999 pounds	104	100.0	4.2	72.6	22.8	.4
30,000 to 59,999 pounds	245	100.0	9.5	65.2	25.0	.3
60,000 to 89,999 pounds	51	100.0	44.1	49.5	6.4	-
90,000 pounds and over	94	100.0	75.1	21.5	3.4	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 152--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Nonferrous Metal Basic Shapes

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	642	100.0	28.6	62.9	8.2	0.3
Under 1,000 pounds	15	100.0	1.9	87.3	5.6	5.2
1,000 to 9,999 pounds	78	100.0	1.6	86.2	12.1	.1
10,000 to 29,999 pounds	119	100.0	9.1	79.9	10.3	.7
30,000 to 59,999 pounds	259	100.0	16.4	72.0	11.6	-
60,000 to 89,999 pounds	52	100.0	55.7	44.3	-	-
90,000 pounds and over	119	100.0	83.4	16.6	-	-
600 to 999 miles	1,462	100.0	44.5	50.7	3.8	1.0
Under 1,000 pounds	32	100.0	8.2	76.0	5.0	10.8
1,000 to 9,999 pounds	148	100.0	6.4	82.5	9.6	1.5
10,000 to 29,999 pounds	228	100.0	14.1	73.5	8.4	4.0
30,000 to 59,999 pounds	552	100.0	29.9	66.8	3.3	-
60,000 to 89,999 pounds	151	100.0	73.6	24.9	1.5	-
90,000 pounds and over	351	100.0	94.1	5.9	-	-
1,000 miles and over	2,379	100.0	69.0	23.1	3.1	4.8
Under 1,000 pounds	52	100.0	8.4	74.5	2.2	14.9
1,000 to 9,999 pounds	224	100.0	14.9	68.1	7.5	9.5
10,000 to 29,999 pounds	223	100.0	34.4	44.7	12.8	8.1
30,000 to 59,999 pounds	770	100.0	63.1	27.7	3.1	6.1
60,000 to 89,999 pounds	427	100.0	92.8	2.7	-	4.5
90,000 pounds and over	683	100.0	94.6	4.9	.5	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 152--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Nonferrous Metal Basic Shapes

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,167	100.0	29.0	56.1	13.8	0.2	0.4	0.4	0.1
New England	1,253	100.0	25.1	62.6	10.3	.1	1.7	.1	.1
Middle Atlantic	2,279	100.0	20.5	58.6	19.7	.1	.7	.4	-
East North Central	3,388	100.0	28.4	56.9	13.7	.3	.1	.6	-
West North Central	512	100.0	26.4	53.7	19.4	-	-	.2	.3
South Atlantic	780	100.0	36.4	54.5	7.8	-	-	.6	.7
East South Central	782	100.0	34.6	60.6	4.8	-	-	-	-
West South Central	376	100.0	9.5	59.1	31.2	.1	-	.1	-
Mountain[1]	44	-	-	-	-	-	-	-	-
Pacific[2]	753	100.0	61.3	31.5	6.5	.5	.2	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	6,307	100.0	47.8	44.1	5.9	.3	1.3	.5	.1
New England	915	100.0	45.0	47.8	2.1	.3	4.6	.2	-
Middle Atlantic	1,098	100.0	43.3	42.9	10.8	.1	2.1	.8	-
East North Central	2,147	100.0	45.7	48.3	4.4	.3	.7	.6	-
West North Central	276	100.0	46.1	40.5	13.2	-	-	.2	-
South Atlantic	379	100.0	51.4	41.7	4.3	.1	-	1.7	.8
East South Central	482	100.0	41.1	53.2	5.7	-	-	-	-
West South Central	180	100.0	15.2	61.3	23.2	.2	.1	-	-
Mountain[1]	50	-	-	-	-	-	-	-	-
Pacific[2]	780	100.0	73.4	22.8	2.6	.7	.5	-	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 152--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Nonferrous Metal Basic Shapes

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	10,167	10,167	803	2,072	2,796	820	1,076	502	800	189	1,109
Ton-miles.....millions..	6,307	6,307	300	697	1,234	556	573	299	730	195	1,723
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	10,167	100.0	7.9	20.4	27.4	8.1	10.6	4.9	7.9	1.9	10.9
Shipments from--											
New England.....	1,253	100.0	14.5	23.8	27.5	9.5	7.2	2.8	5.2	1.7	7.8
Middle Atlantic.....	2,279	100.0	11.6	36.7	20.5	3.3	14.7	2.4	5.4	.5	4.9
East North Central.....	3,388	100.0	7.8	17.0	33.5	7.6	8.5	5.1	7.3	1.3	11.9
West North Central.....	512	100.0	.7	9.6	31.3	18.7	7.3	12.6	5.7	2.6	11.5
South Atlantic.....	780	100.0	8.6	17.0	31.9	9.4	20.0	5.9	3.9	1.2	2.1
East South Central.....	782	100.0	2.3	16.7	29.6	8.9	17.7	8.3	6.5	.2	9.8
West South Central.....	376	100.0	.1	5.1	18.7	12.2	5.3	6.5	46.5	3.4	2.2
Mountain[2].....	44	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	753	100.0	.5	3.7	16.6	10.8	1.3	5.1	10.2	9.7	42.1
TON-MILES	(millions)										
U.S. total.....	6,307	100.0	4.8	11.1	19.6	8.8	9.1	4.7	11.6	3.1	27.2
Shipments from--											
New England.....	915	100.0	1.3	6.1	27.7	13.3	6.3	3.2	10.6	4.3	27.2
Middle Atlantic.....	1,098	100.0	4.7	10.1	21.3	6.5	13.0	3.7	14.0	1.8	24.9
East North Central.....	2,147	100.0	8.3	12.3	9.9	4.9	9.3	4.7	12.0	2.2	36.4
West North Central.....	276	100.0	1.3	15.4	16.3	7.7	8.9	4.9	6.5	6.0	33.0
South Atlantic.....	379	100.0	7.0	10.1	24.0	17.9	11.5	6.6	8.7	4.3	9.9
East South Central.....	482	100.0	3.8	19.7	18.4	7.2	13.1	1.8	6.4	.5	29.1
West South Central.....	180	100.0	.2	11.0	31.7	12.5	10.3	6.6	15.0	5.7	7.0
Mountain[2].....	50	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	780	100.0	1.1	8.3	28.9	14.1	2.6	8.8	13.9	5.4	16.9

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 152--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Nonferrous Metal Basic Shapes

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	10,167	100.0	29.0	56.1	13.8	0.2	0.4	0.4	0.1
New England, total	1,253	100.0	25.1	62.6	10.3	.1	1.7	.1	.1
Shipments to--									
New England	182	100.0	-	58.8	40.8	-	-	.3	.1
Middle Atlantic	298	100.0	2.7	81.5	15.5	-	-	.1	.2
East North Central	345	100.0	45.8	52.9	1.2	.1	-	-	-
West North Central	119	100.0	19.2	79.5	1.2	-	-	-	.1
South Atlantic	91	100.0	4.8	90.8	2.0	-	2.1	.3	-
East South Central	35	100.0	10.9	83.7	5.3	.1	-	-	-
Pacific	97	100.0	78.5	11.9	-	.6	8.5	.5	-
Middle Atlantic, total	2,279	100.0	20.5	58.6	19.7	.1	.7	.4	-
Shipments to--									
New England	264	100.0	.5	71.8	27.5	.1	-	.1	-
Middle Atlantic	837	100.0	8.0	62.2	28.5	-	.6	.6	.1
East North Central	467	100.0	24.9	61.4	13.5	.1	-	.1	-
West North Central	76	100.0	39.3	49.5	10.8	.1	-	.3	-
South Atlantic	334	100.0	22.5	62.2	14.3	.1	.7	.2	-
East South Central	55	100.0	19.6	74.8	4.7	.1	-	.8	-
West South Central	122	100.0	59.2	27.9	10.3	-	2.5	.1	-
Pacific	112	100.0	78.3	9.8	3.7	.3	5.5	2.4	-
East North Central, total	3,388	100.0	28.4	56.9	13.7	.3	.1	.6	-
Shipments to--									
New England	264	100.0	29.7	65.2	4.9	.1	-	.1	-
Middle Atlantic	575	100.0	27.0	53.9	18.1	.7	-	.3	-
East North Central	1,132	100.0	9.9	63.7	25.6	.2	-	.5	.1
West North Central	258	100.0	47.3	49.7	2.5	.1	-	.4	-
South Atlantic	288	100.0	16.6	71.9	11.4	.1	-	-	-
East South Central	173	100.0	29.3	65.2	5.5	-	-	-	-
West South Central	248	100.0	8.3	84.5	3.4	.1	-	3.7	-
Pacific	403	100.0	83.8	14.7	-	.4	.8	.3	-
South Atlantic, total	780	100.0	36.4	54.5	7.8	-	-	.6	.7
Shipments to--									
Middle Atlantic	133	100.0	23.6	69.2	7.1	-	-	.1	-
East North Central	249	100.0	25.1	58.7	16.1	-	-	.1	-
South Atlantic	156	100.0	20.8	71.1	4.9	-	-	.9	2.3
TON-MILES	(millions of ton-miles)								
U.S. total	6,307	100.0	47.8	44.1	5.9	.3	1.3	.5	.1
New England, total	915	100.0	45.0	47.8	2.1	.3	4.6	.2	-
Shipments to--									
New England	12	100.0	.1	70.9	28.7	-	-	.3	-
Middle Atlantic	56	100.0	2.5	82.3	15.0	-	-	.1	.1
East North Central	252	100.0	48.7	50.1	1.1	.1	-	-	-
West North Central	121	100.0	20.7	77.9	1.3	-	-	-	.1
South Atlantic	58	100.0	5.6	88.2	1.9	.1	3.7	.5	-
East South Central	30	100.0	11.7	81.2	7.0	.1	-	-	-
Pacific	248	100.0	77.1	12.0	-	.6	9.8	.5	-
Middle Atlantic, total	1,098	100.0	43.3	42.9	10.8	.1	2.1	.8	-
Shipments to--									
New England	51	100.0	.7	69.7	29.3	.1	-	.2	-
Middle Atlantic	111	100.0	10.9	60.2	27.9	-	.2	.7	.1
East North Central	234	100.0	27.7	62.3	9.8	.1	-	.1	-
West North Central	71	100.0	38.6	51.4	9.6	.1	-	.3	-
South Atlantic	142	100.0	29.9	55.0	12.7	.1	2.0	.3	-
East South Central	41	100.0	19.6	75.6	3.9	.1	-	.8	-
West South Central	154	100.0	62.1	26.6	8.4	-	2.8	.1	-
Pacific	273	100.0	78.0	9.7	3.8	.3	5.8	2.4	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 152--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Nonferrous Metal Basic Shapes

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	2,147	100.0	45.7	48.3	4.4	0.3	0.7	0.6	-
Shipments to--									
New England	178	100.0	31.6	64.6	3.6	.1	-	.1	-
Middle Atlantic	265	100.0	38.3	50.2	10.3	1.0	-	.2	-
East North Central	213	100.0	14.8	68.2	16.5	.1	-	.3	0.1
West North Central	106	100.0	44.7	52.8	2.0	.1	-	.4	-
South Atlantic	200	100.0	13.9	79.3	6.7	.1	-	-	-
East South Central	100	100.0	21.7	74.2	4.1	-	-	-	-
West South Central	258	100.0	6.5	88.4	2.1	.1	-	2.9	-
Pacific	779	100.0	82.3	15.0	-	.4	1.9	.4	-
South Atlantic, total	379	100.0	51.4	41.7	4.3	.1	-	1.7	.8
Shipments to--									
Middle Atlantic	38	100.0	20.4	72.3	7.3	-	-	-	-
East North Central	91	100.0	30.9	57.1	11.8	-	-	.2	-
South Atlantic	44	100.0	20.6	73.4	1.6	.1	-	2.5	1.8

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 152--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Nonferrous Metal Basic Shapes

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped ..... thousands..	10,167	1,706	2,718	5,743	(X)	(X)	(X)	(X)
Ton-miles ..... millions..	(X)	(X)	(X)	(X)	6,307	1,359	1,347	3,601
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail	29.0	21.7	18.7	36.0	47.8	44.2	33.8	54.3
Motor carrier	56.1	51.8	59.1	56.0	44.1	47.8	50.3	40.5
Private truck	13.8	26.4	20.9	6.7	5.9	8.0	12.8	2.6
Air	.2	-	.1	.2	.3	-	.2	.4
Water	.4	-	.6	.5	1.3	-	2.0	1.6
Other	.4	-	.4	.5	.5	-	.8	.5
Unknown	.1	.1	.2	.1	.1	-	.1	.1
DISTANCE OF SHIPMENT								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles	12.0	14.8	14.8	9.9	1.0	.9	1.6	.7
100 to 199 miles	14.2	7.1	20.4	13.3	3.4	1.3	6.0	3.3
200 to 299 miles	11.9	10.2	12.6	12.1	4.8	3.2	6.2	4.8
300 to 399 miles	9.1	9.4	8.8	9.1	5.0	4.0	6.1	5.1
400 to 499 miles	8.1	4.8	7.9	9.2	5.8	2.7	7.2	6.5
500 to 999 miles	26.5	18.2	23.4	30.4	30.7	17.3	33.9	34.6
1,000 miles and over	18.2	35.5	12.1	16.0	49.3	70.6	39.0	45.0

Table 8. SHIPPER CLASS 152--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Nonferrous Metal Basic Shapes

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	56.5	36.7	60.6	91.4
Highway facilities	85.3	80.0	89.1	88.8
Rail and highway facilities	49.5	30.0	55.2	80.2
Air facilities	77.6	80.0	72.4	83.4
Rail, highway, and air facilities	37.2	16.7	42.5	70.9
Water facilities	23.9	26.7	17.8	31.2
Rail, highway, air, and water facilities	11.5	6.7	10.3	24.6

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 7.9 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 153--Percent Distribution of Distance, by Means of Transport: 1967

Nonferrous and Nonferrous Base Alloy Castings

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON OF SHIPMENTS	(thousands of tons)								
Total	1,453	100.0	18.1	66.4	15.2	0.2	-	0.1	-
Under 50 miles	159	100.0	-	45.4	54.3	-	0.2	.1	-
50 to 99 miles	165	100.0	17.7	60.2	21.9	-	-	.2	-
100 to 199 miles	317	100.0	35.3	44.1	20.5	-	-	.1	-
200 to 299 miles	205	100.0	23.6	70.3	5.9	.1	-	.1	-
300 to 399 miles	263	100.0	8.6	89.2	2.2	-	-	-	-
400 to 499 miles	88	100.0	34.9	61.4	2.7	.9	-	.1	-
500 to 599 miles	107	100.0	13.6	84.1	2.1	.1	-	.1	-
600 to 799 miles	95	100.0	3.1	85.7	10.8	.2	-	.2	-
800 to 999 miles	20	100.0	.5	93.6	3.7	.8	-	1.4	-
1,000 to 1,499 miles	13	100.0	.5	96.4	-	2.9	-	.2	-
1,500 to 1,999 miles	12	100.0	2.2	91.7	.1	5.4	-	.6	-
2,000 miles and over	9	100.0	28.2	69.3	-	2.2	.2	.1	-
TON-MILES	(millions of ton-miles)								
Total	434	100.0	15.4	77.2	6.5	.7	-	.2	-
Under 50 miles	5	100.0	-	50.6	49.1	-	.1	.2	-
50 to 99 miles	12	100.0	14.5	62.6	22.8	-	-	.1	-
100 to 199 miles	45	100.0	34.5	46.2	19.2	-	-	.1	-
200 to 299 miles	51	100.0	25.2	69.0	5.6	.1	-	.1	-
300 to 399 miles	86	100.0	8.8	88.7	2.5	-	-	-	-
400 to 499 miles	39	100.0	34.1	62.3	2.6	.9	-	.1	-
500 to 599 miles	56	100.0	14.8	82.7	2.2	.2	-	.1	-
600 to 799 miles	64	100.0	3.1	86.0	10.4	.2	-	.3	-
800 to 999 miles	18	100.0	.5	94.0	3.5	.7	-	1.3	-
1,000 to 1,499 miles	16	100.0	.5	96.5	-	2.8	-	.2	-
1,500 to 1,999 miles	23	100.0	2.2	91.6	.1	5.6	-	.5	-
2,000 miles and over	19	100.0	26.3	71.2	-	2.1	.3	.1	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 153--Percent Distribution of Weight, by Means of Transport: 1967

Nonferrous and Nonferrous Base Alloy Castings

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON OF SHIPMENTS	(thousands of tons)					
Total	1,409	100.0	18.7	67.0	14.1	0.2
Under 1,000 pounds	137	100.0	1.0	83.1	13.4	2.5
Under 50 pounds	3	100.0	1.4	65.4	13.0	20.2
50 to 99 pounds	5	100.0	2.4	81.2	7.2	9.2
100 to 199 pounds	13	100.0	2.0	81.8	10.9	5.3
200 to 499 pounds	45	100.0	.9	84.9	11.9	2.3
500 to 999 pounds	71	100.0	.8	82.8	15.3	1.1
1,000 to 9,999 pounds	547	100.0	1.5	82.6	15.7	.2
1,000 to 1,999 pounds	128	100.0	1.4	85.0	13.5	.1
2,000 to 2,999 pounds	110	100.0	2.0	92.1	5.9	-
3,000 to 3,999 pounds	75	100.0	4.1	86.9	8.7	.3
4,000 to 4,999 pounds	47	100.0	2.4	85.1	12.5	-
5,000 to 9,999 pounds	187	100.0	-	73.1	26.6	.3
10,000 to 29,999 pounds	326	100.0	2.4	75.6	22.0	-
10,000 to 19,999 pounds	229	100.0	-	77.6	22.4	-
20,000 to 29,999 pounds	97	100.0	8.0	71.0	21.0	-
30,000 to 59,999 pounds	184	100.0	17.0	70.4	12.6	-
30,000 to 39,999 pounds	85	100.0	13.2	65.6	21.2	-
40,000 to 49,999 pounds	91	100.0	14.6	81.2	4.2	-
50,000 to 59,999 pounds	8	100.0	83.6	-	16.4	-
60,000 to 89,999 pounds	182	100.0	100.0	-	-	-
60,000 to 69,999 pounds	61	100.0	100.0	-	-	-
70,000 to 79,999 pounds	51	100.0	100.0	-	-	-
80,000 to 89,999 pounds	70	100.0	100.0	-	-	-
90,000 pounds and over	33	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total	425	100.0	15.7	77.2	6.3	.8
Under 1,000 pounds	48	100.0	3.0	89.1	2.3	5.6
Under 50 pounds	1	100.0	3.7	66.3	1.1	28.9
50 to 99 pounds	2	100.0	4.8	83.4	.8	11.0
100 to 199 pounds	6	100.0	4.1	81.9	1.8	12.2
200 to 499 pounds	15	100.0	2.4	89.6	2.1	5.9
500 to 999 pounds	24	100.0	2.8	92.0	2.8	2.4
1,000 to 9,999 pounds	173	100.0	4.1	89.0	6.5	.4
1,000 to 1,999 pounds	41	100.0	3.0	92.1	4.2	.7
2,000 to 2,999 pounds	39	100.0	5.4	92.3	2.3	-
3,000 to 3,999 pounds	26	100.0	4.9	89.6	3.9	1.6
4,000 to 4,999 pounds	17	100.0	14.2	80.3	5.5	-
5,000 to 9,999 pounds	50	100.0	-	86.5	13.4	.1
10,000 to 29,999 pounds	92	100.0	1.6	86.1	12.3	-
10,000 to 19,999 pounds	65	100.0	-	87.9	12.1	-
20,000 to 29,999 pounds	27	100.0	5.6	81.7	12.7	-
30,000 to 59,999 pounds	67	100.0	17.3	78.0	4.7	-
30,000 to 39,999 pounds	24	100.0	15.7	71.4	12.9	-
40,000 to 49,999 pounds	41	100.0	13.5	86.3	.2	-
50,000 to 59,999 pounds	2	100.0	98.9	-	1.1	-
60,000 to 89,999 pounds	39	100.0	100.0	-	-	-
60,000 to 69,999 pounds	12	100.0	100.0	-	-	-
70,000 to 79,999 pounds	14	100.0	100.0	-	-	-
80,000 to 89,999 pounds	13	100.0	100.0	-	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 153--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Nonferrous and Nonferrous Base Alloy Castings

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,409	100.0	18.7	67.0	14.1	0.2
Under 200 miles	608	100.0	23.3	49.0	27.6	.1
Under 1,000 pounds	64	100.0	-	72.0	26.6	1.4
1,000 to 9,999 pounds	226	100.0	-	68.3	31.6	.1
10,000 to 29,999 pounds	145	100.0	2.7	56.0	41.3	-
30,000 to 59,999 pounds	35	100.0	-	46.0	54.0	-
60,000 to 89,999 pounds	110	100.0	100.0	-	-	-
90,000 pounds and over	28	100.0	100.0	-	-	-
200 to 399 miles	465	100.0	15.3	81.2	3.4	.1
Under 1,000 pounds	39	100.0	.7	96.1	2.2	1.0
1,000 to 9,999 pounds	213	100.0	2.1	93.0	4.9	-
10,000 to 29,999 pounds	109	100.0	3.0	92.7	4.3	-
30,000 to 59,999 pounds	60	100.0	31.5	68.5	-	-
60,000 to 89,999 pounds	42	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
400 to 599 miles	189	100.0	23.9	73.4	2.4	.3
Under 1,000 pounds	13	100.0	.2	93.4	2.6	3.8
1,000 to 9,999 pounds	42	100.0	-	94.5	5.2	.3
10,000 to 29,999 pounds	18	100.0	3.2	93.8	3.0	-
30,000 to 59,999 pounds	83	100.0	13.4	84.9	1.7	-
60,000 to 89,999 pounds	30	100.0	100.0	-	-	-
90,000 pounds and over	3	100.0	100.0	-	-	-
600 to 999 miles	115	100.0	2.7	87.0	9.6	.7
Under 1,000 pounds	13	100.0	5.0	87.2	1.9	5.9
1,000 to 9,999 pounds	43	100.0	3.3	93.0	3.5	.2
10,000 to 29,999 pounds	54	100.0	-	87.7	12.3	-
30,000 pounds and over	5	100.0	20.1	28.2	51.7	-
1,000 miles and over	32	100.0	8.6	87.4	-	4.0
Under 1,000 pounds	9	100.0	5.1	83.6	.1	11.2
1,000 to 9,999 pounds	23	100.0	10.1	88.5	-	1.4
10,000 pounds and over	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	425	100.0	15.7	77.2	6.3	.8
Under 200 miles	59	100.0	28.7	49.5	21.7	.1
Under 1,000 pounds	5	100.0	-	88.3	10.1	1.6
1,000 to 9,999 pounds	21	100.0	-	70.1	29.9	-
10,000 to 29,999 pounds	13	100.0	1.5	59.2	39.3	-
30,000 to 59,999 pounds	3	100.0	-	74.3	25.7	-
60,000 to 89,999 pounds	13	100.0	100.0	-	-	-
90,000 pounds and over	4	100.0	100.0	-	-	-
200 to 399 miles	136	100.0	15.0	81.6	3.3	.1
Under 1,000 pounds	12	100.0	.6	96.4	2.1	.9
1,000 to 9,999 pounds	62	100.0	2.1	93.5	4.4	-
10,000 to 29,999 pounds	30	100.0	3.5	91.7	4.8	-
30,000 to 59,999 pounds	19	100.0	29.8	70.2	-	-
60,000 to 89,999 pounds	12	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 153--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Nonferrous and Nonferrous Base Alloy Castings

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	93	100.0	23.4	73.9	2.4	0.3
Under 1,000 pounds	7	100.0	.2	93.3	2.8	3.7
1,000 to 9,999 pounds	20	100.0	-	94.3	5.4	.3
10,000 to 29,999 pounds	9	100.0	3.0	93.5	3.5	-
30,000 to 59,999 pounds	41	100.0	12.8	85.7	1.5	-
60,000 to 89,999 pounds	14	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
600 to 999 miles	82	100.0	2.5	87.8	8.9	.8
Under 1,000 pounds	9	100.0	5.1	86.8	1.8	6.3
1,000 to 9,999 pounds	31	100.0	3.1	93.4	3.3	.2
10,000 to 29,999 pounds	39	100.0	-	88.8	11.2	-
30,000 pounds and over	3	100.0	18.8	30.7	50.5	-
1,000 miles and over	55	100.0	10.3	85.6	-	4.1
Under 1,000 pounds	15	100.0	5.8	82.8	.1	11.3
1,000 to 9,999 pounds	39	100.0	12.3	86.1	-	1.6
10,000 pounds and over	1	100.0	-	100.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 153--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Nonferrous and Nonferrous Base Alloy Castings

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON OF SHIPMENTS	(thousands of tons)								
U.S. total	1,453	100.0	18.1	66.4	15.2	0.2	-	0.1	-
Middle Atlantic	217	100.0	20.8	60.0	18.7	.1	0.1	.3	-
East North Central	641	100.0	7.7	69.0	22.9	.3	-	.1	-
Pacific[1]	25	100.0	6.8	38.1	52.8	2.1	-	.2	-
Balance of United States[2]	570	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	434	100.0	15.4	77.2	6.5	.7	-	.2	-
Middle Atlantic	68	100.0	26.8	61.0	11.7	.2	-	.3	-
East North Central	159	100.0	8.9	78.5	11.5	.9	-	.2	-
Pacific[1]	16	100.0	22.0	69.7	1.8	6.5	-	-	-
Balance of United States[2]	191	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 153--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Nonferrous and Nonferrous Base Alloy Castings

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,453	1,453	29	150	843	106	96	158	36	1	34
Ton-miles.....millions..	434	434	8	37	210	31	60	32	21	1	34
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,453	100.0	2.0	10.3	58.1	7.3	6.6	10.8	2.5	0.1	2.3
Shipments from--											
Middle Atlantic.....	217	100.0	8.5	40.3	35.5	1.5	8.8	.6	3.2	.1	1.5
East North Central.....	641	100.0	1.0	9.2	73.2	5.2	2.9	4.4	2.7	.1	1.3
Pacific[2].....	25	100.0	-	.1	16.4	5.7	7.2	-	3.6	.4	66.6
Balance of U.S.[3].....	570	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	434	100.0	1.8	8.6	48.3	7.2	13.8	7.3	5.0	.2	7.8
Shipments from--											
Middle Atlantic.....	68	100.0	4.4	18.4	43.4	3.9	6.5	1.2	10.5	.4	11.3
East North Central.....	159	100.0	2.7	14.9	44.1	7.9	6.7	6.5	6.3	.3	10.6
Pacific[2].....	16	100.0	.1	.2	50.8	10.9	23.2	-	7.1	.3	7.4
Balance of U.S.[3].....	191	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 153--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Nonferrous and Nonferrous Base Alloy Castings

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,453	100.0	18.1	66.4	15.2	0.2	-	0.1	-
Middle Atlantic, total	217	100.0	20.8	60.0	18.7	.1	0.1	.3	-
Shipments to--									
New England	18	100.0	-	79.3	20.6	.1	-	-	-
Middle Atlantic	88	100.0	16.2	61.9	21.1	-	.3	.5	-
East North Central	77	100.0	39.1	44.4	16.2	.1	-	.2	-
East North Central, total	641	100.0	7.7	69.0	22.9	.3	-	.1	-
Shipments to--									
Middle Atlantic	59	100.0	.8	81.9	16.5	.7	-	.1	-
East North Central	469	100.0	10.3	61.2	28.4	-	-	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	434	100.0	15.4	77.2	6.5	.7	-	.2	-
Middle Atlantic, total	68	100.0	26.8	61.0	11.7	.2	-	.3	-
Shipments to--									
New England	3	100.0	-	74.6	25.3	.1	-	-	-
Middle Atlantic	13	100.0	27.3	61.9	10.5	.1	-	.2	-
East North Central	30	100.0	45.1	38.7	15.7	.1	-	.4	-
East North Central, total	159	100.0	8.9	78.5	11.5	.9	-	.2	-
Shipments to--									
Middle Atlantic	24	100.0	1.5	74.5	23.0	.9	-	.1	-
East North Central	70	100.0	18.5	65.4	16.0	-	-	.1	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 153--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Nonferrous and Nonferrous Base Alloy Castings

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,453	657	466	330	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	434	207	134	93
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	18.1	21.8	.6	35.7	15.4	9.4	4.1	44.9
Motor carrier.....	66.4	66.1	83.9	41.7	77.2	86.0	88.4	41.7
Private truck.....	15.2	11.8	14.8	22.5	6.5	3.6	6.3	13.1
Air.....	.2	.1	.4	.1	.7	.7	1.0	.2
Water.....	-	-	.1	-	-	-	-	-
Other.....	.1	.2	.2	-	.2	.3	.2	.1
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	22.3	11.6	33.5	27.7	3.8	1.7	5.8	5.7
100 to 199 miles.....	21.8	30.0	20.6	7.4	10.2	12.8	10.4	4.2
200 to 299 miles.....	14.1	6.1	16.8	26.1	11.8	4.8	13.9	24.4
300 to 399 miles.....	18.1	27.7	7.8	13.7	19.7	28.1	9.3	16.2
400 to 499 miles.....	6.1	2.2	7.0	12.3	9.1	3.3	10.9	19.2
500 to 999 miles.....	15.3	20.0	10.9	12.0	32.0	37.6	27.2	26.1
1,000 miles and over.....	2.3	2.4	3.4	.8	13.4	11.7	22.5	4.2

Table 8. SHIPPER CLASS 153--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Nonferrous and Nonferrous Base Alloy Castings

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	24.7	20.0	36.6	89.3
Highway facilities	89.1	90.0	86.9	76.9
Rail and highway facilities	13.8	10.0	23.5	66.2
Air facilities	78.7	80.0	73.8	75.3
Rail, highway, and air facilities	12.5	10.0	18.6	47.7
Water facilities	7.7	5.0	16.5	29.2
Rail, highway, air, and water facilities	1.7	-	5.5	29.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.4 percent reported they did not have any of the above transportation facilities available.

Shipper Group 16

Fabricated Metal Products, Except Metal Cans and Miscellaneous

161 Cutlery, tools, and hardware

162 Plumbing fixtures and heating apparatus, except electric

163 Fabricated structural metal products

SAMPLE SIZE

The sample for this shipper group consisted of 451 establishments, of which 366 were in scope and provided data from 43,385 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (85 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 16 and their related SIC industries are as follows:

Shipper Class 161.—Cutlery, tools, and hardware
- SIC 3421.—Cutlery
- SIC 3423.—Hand and edge tools, except machine tools and hand saws
- SIC 3425.—Hand saws and saw blades
- SIC 3429.—Hardware, n.e.c.

Shipper Class 162.—Plumbing fixtures and heating apparatus, except electric
- SIC 3431.—Enameled iron and metal sanitary ware
- SIC 3432.—Plumbing fixture fittings and trim (brass goods)
- SIC 3433.—Heating equipment, except electric

Shipper Class 163.—Fabricated structural metal products
- SIC 3441.—Fabricated structural steel
- SIC 3442.—Metal doors, sash, frames, molding, and trim
- SIC 3443.—Fabricated plate work (boiler shops)
- SIC 3444.—Sheet metal work
- SIC 3446.—Architectural and ornamental metal work
- SIC 3449.—Miscellaneous metal work

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
161--Cutlery, tools, and hardware	3421,3423,3425,3428, 3429	3421,3423,3425,3429,,
162--Plumbing fixtures and heating apparatus, except electric	3431,3432,3433,	3431,3432,3433,
163--Fabricated structural metal products	3441,3442,3443,3444, 3446,3449	3441,3442,3443,3444, 3446,3449

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 79 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total	
		Major commodities	Secondary commodities
Group 16	16,668	78.6	21.4
Class 161	1,925	67.4	32.6
Class 162	1,686	84.0	16.0
Class 163	13,057	79.6	20.4

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Fabricated Metal Products, Except Metal Cans Shipper Group shipped (beyond the local area) about 16,668,000 tons of commodities during 1967. Those shipments generated 6 billion ton-miles by all means of transport combined, averaging about 366 straight-line miles per ton shipped.

As shown in table A, more than three-fourths of the total tons shipped by this shipper group were by the Fabricated Structural Metal Products Shipper Class. Each of the other two shipper classes generated about half of the remaining tons.

Motor carriers (for-hire carriers) were the major means of transport for the shipper group and for each of the shipper classes. The railroads' share was about the same within each shipper class, between 18 and 24 percent. The private trucks' share was largest for the Fabricated Structural Metal Products Shipper Class.

When measured in terms of ton-miles rather than tons, motor carriers are still the dominant means of transport for the shipper group, but rail's share equals motor carrier in the Fabricated Structural Metal Products Shipper Class.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (that is, beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. For this particular shipper group, plants with less than 20 employees in 1963 originated about 4 percent of the total intercity shipments by manufacturers.

Table B, presenting the comparison of tons shipped for both years, shows an increase in 1967 for the shipper group and for each of the shipper classes, except Plumbing Fixtures and Heating Apparatus.

As shown in table C, the carriers' shares remained essentially unchanged for the shipper group. For shipper classes, rail's share, in 1967, of Cutlery, Tools and Hardware decreased by about 12 percent, while motor carrier and private truck both show increases; and for Fabricated Structural Metal Products, rail's share increased in 1967 with a corresponding decrease in private carrier.

Average length of haul (table D) for the shipper group shows little change. However, when measured by means of transport, there is noticeable change both in the shipper group and in the shipper classes. Motor carriers show an increase throughout; rail and private truck show increases and decreases with rail having the greatest degree of change. It should be noted that the average lenght of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

In table E showing distance by means of transport, motor carrier showed a stronger participation in hauls 400 miles and over, while rail gained from 200 miles and over.

Table F comparing plant size and means of transport, shows that rail and motor carrier had gains among plants of 100 and more employees. Private truck's share increased among the smaller plants.

Comparisons of carrier shares by geographic division are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 16: Fabricated metal products, except metal cans and miscellaneous.....	16,668	3,830	7,428	4,973	437
Shipper Classes:					
161. Cutlery, tools, and hardware.....	1,925	397	1,264	219	45
162. Plumbing fixtures and heating apparatus, except electric.....	1,686	309	1,093	266	18
163. Fabricated structural metal products....	13,057	3,124	5,071	4,488	374
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 16: Fabricated metal products, except metal cans and miscellaneous.....	6,098	2,128	2,987	801	182
Shipper classes:					
161. Cutlery, tools, and hardware.....	1,249	251	891	67	40
162. Plumbing fixtures and heating apparatus, except electric.....	892	289	487	102	14
163. Fabricated structural metal products....	3,957	1,588	1,609	632	128

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 16: Fabricated metal products, except metal cans and miscellaneous.....	16,668	15,585	16,298
Shipper classes:			
161. Cutlery, tools, and hardware...	1,925	1,758	1,785
162. Plumbing fixtures and heating apparatus, except electric....	1,686	2,260	2,345
163. Fabricated structural metal products.....	13,057	11,567	12,168

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 16: Fabricated metal products, except metal cans and miscellaneous:					
1967	100.0	23.0	44.6	29.8	2.6
1963	100.0	22.5	42.8	31.7	3.0
Shipper Classes					
161. Cutlery, tools, and hardware:					
1967	100.0	20.6	65.7	11.4	2.3
1963	100.0	32.9	50.2	3.5	13.4
162. Plumbing fixtures and heating apparatus, except electric:					
1967	100.0	18.3	64.8	15.8	1.1
1963	100.0	24.9	60.4	12.7	2.0
163. Fabricated structural metal products:					
1967	100.0	23.9	38.9	34.4	2.8
1963	100.0	20.5	38.4	39.4	1.7
TON-MILES					
Shipper Group 16: Fabricated metal products, except metal cans and miscellaneous:					
1967	100.0	34.9	49.0	13.1	3.0
1963	100.0	40.6	36.6	17.7	5.1
Shipper Classes					
161. Cutlery, tools, and hardware:					
1967	100.0	20.1	71.2	5.4	3.3
1963	100.0	31.7	45.2	3.1	20.0
162. Plumbing fixtures and heating apparatus, except electric:					
1967	100.0	32.4	54.4	11.5	1.7
1963	100.0	50.0	40.3	7.8	1.9
163. Fabricated structural metal products:					
1967	100.0	40.1	40.7	16.0	3.2
1963	100.0	39.5	32.8	25.6	2.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 16: Fabricated metal products, except metal cans and miscellaneous:				
1967	366	556	402	161
1963	376	679	322	210
SHIPPER CLASSES				
161. Cutlery, tools, and hardware:				
1967	649	632	705	306
1963	587	566	529	516
162. Plumbing fixtures and heating apparatus, except electric:				
1967	529	935	446	383
1963	592	1,188	394	362
163. Fabricated structural metal products:				
1967	303	508	317	141
1963	304	585	260	197

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 16: Fabricated Metal Products, Except Metal Cans and Miscellaneous

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	22.9	44.1	30.6	2.4
1963	100.0	22.2	44.6	29.9	3.3
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	12.4	36.9	49.9	.8
1963	100.0	15.6	40.3	42.0	2.1
200 to 399 miles:					
1967	100.0	25.8	50.7	17.8	5.7
1963	100.0	18.9	57.7	20.9	2.5
400 miles and over:					
1967	100.0	37.6	50.1	9.6	2.7
1963	100.0	34.6	41.7	18.0	5.7
WEIGHT					
Under 1,000 pounds:					
1967	100.0	1.7	76.9	16.9	4.5
1963	100.0	1.2	65.1	24.8	8.9
1,000 to 9,999 pounds:					
1967	100.0	1.9	63.8	33.0	1.3
1963	100.0	1.7	53.7	40.8	3.8
10,000 to 29,999 pounds:					
1967	100.0	9.7	54.3	35.3	.7
1963	100.0	10.0	52.6	36.5	.9
30,000 pounds and over:					
1967	100.0	36.6	30.3	29.9	3.2
1963	100.0	51.7	26.4	18.9	3.0

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 16: Fabricated Metal Products, Except Metal Cans and Miscellaneous

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	23.0	44.6	29.8	2.6
1963	100.0	22.5	42.8	31.7	3.0
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	1.0	22.0	76.2	.8
20 to 99 employees:					
1967	100.0	.4	34.4	63.3	1.9
1963	100.0	9.5	50.9	35.9	3.7
100 to 499 employees:					
1967	100.0	19.5	52.6	26.2	1.7
1963	100.0	15.7	45.7	35.8	2.8
500 employees and over:					
1967	100.0	48.5	37.0	9.6	4.9
1963	100.0	51.1	33.5	12.1	3.3

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 16: Fabricated Metal Products, Except Metal Cans and Miscellaneous

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	23.0	44.6	29.8	2.6
1963	100.0	22.5	42.8	31.7	3.0
Middle Atlantic:					
1967	100.0	28.0	58.6	12.0	1.4
1963	100.0	28.9	45.9	21.0	4.2
East North Central:					
1967	100.0	19.1	48.9	30.2	1.8
1963	100.0	30.8	43.5	21.2	4.5
South Atlantic:					
1967	100.0	18.6	16.0	65.1	.3
1963	100.0	7.4	21.0	71.5	.1
East South Central:					
1967	100.0	43.0	27.5	20.1	9.4
1963	100.0	32.1	40.0	27.5	.4
Mountain and Pacific:					
1967	100.0	12.2	63.5	22.8	1.5
1963	100.0	7.2	69.3	22.0	1.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 16: FABRICATED METAL PROUDUCTS, EXCEPT METAL CANS AND MISCELLANEOUS		
Total shipments	16,668	9.6
Shipments by--		
Rail	3,830	15.0
Motor carrier	7,428	8.4
Private truck	4,973	22.8
All other	437	-
Shipments from--		
New England Division	634	21.2
Middle Atlantic Division	2,497	18.8
East North Central Division	5,770	15.6
West North Central Division	944	39.6
South Atlantic Division	2,840	48.2
East South Central Division	1,264	40.0
West South Central Division	1,248	38.8
Pacific Division	1,314	18.8
Balance of United States	157	-
SHIPPER CLASS 161: CUTLERY, TOOLS, AND HARDWARE		
Total shipments	1,925	14.6
Shipments by--		
Rail	397	10.0
Motor carrier	1,264	17.4
Private truck	219	60.6
All other	45	-
Shipments from--		
New England Division	317	22.4
Middle Atlantic Division	225	21.6
East North Central Division	1,034	21.6
South Atlantic Division	54	58.6
East South Central Division	61	54.8
Balance of United States	234	-
SHIPPER CLASS 162: PLUMBING FIXTURES AND HEATING APPARATUS, EXCEPT ELECTRIC		
Total shipments	1,686	12.2
Shipments by--		
Rail	309	17.6
Motor carrier	1,093	9.0
Private truck	266	50.0
All other	18	-
Shipments from--		
New England Division	57	67.2
Middle Atlantic Division	327	26.4
East North Central Division	815	25.4
West North Central Division	99	34.6
South Atlantic Division	79	32.4
East South Central Division	192	37.6
West South Central Division	29	46.6
Mountain Division	-	-
Pacific Division	88	39.0
SHIPPER CLASS 163: FABRICATED STRUCTURAL METAL PRODUCTS		
Total shipments	13,057	12.6
Shipments by--		
Rail	3,124	17.8
Motor carrier	5,071	11.4
Private truck	4,488	25.8
All other	374	-
Shipments from--		
New England Division	259	51.0
Middle Atlantic Division	1,945	22.2
East North Central Division	3,921	20.2
West North Central Division	845	44.8
South Atlantic Division	2,708	50.4
East South Central Division	1,011	49.6
West South Central Division	1,086	43.2
Pacific Division	1,127	21.8
Balance of United States	155	-

TABLE 1. SHIPPER GROUP 16--Percent Distribution of Distance, by Means of Transport: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	16,668	100.0	23.0	44.6	29.8	0.1	1.7	0.7	0.1
Under 50 miles	2,427	100.0	4.8	42.8	51.7	-	-	.5	.2
50 to 99 miles	2,343	100.0	12.4	37.3	48.7	.1	1.3	.1	.1
100 to 199 miles	3,445	100.0	16.7	37.7	43.8	-	.1	1.6	.1
200 to 299 miles	1,851	100.0	26.9	47.5	18.9	-	6.3	.2	.2
300 to 399 miles	1,738	100.0	26.9	53.8	15.2	.1	3.7	.3	-
400 to 499 miles	851	100.0	28.0	54.6	9.8	.2	7.1	.3	-
500 to 599 miles	993	100.0	40.9	40.2	18.5	.2	-	.2	-
600 to 799 miles	1,027	100.0	38.2	50.9	10.0	.2	-	.7	-
800 to 999 miles	656	100.0	41.0	50.8	7.3	.3	.1	.4	.1
1,000 to 1,199 miles	351	100.0	48.6	42.2	3.4	.9	.2	4.7	-
1,200 to 1,499 miles	369	100.0	32.6	63.8	3.2	.1	.1	.2	-
1,500 to 1,999 miles	346	100.0	49.2	46.0	2.6	.3	-	.5	1.4
2,000 miles and over	271	100.0	41.7	52.0	1.7	.9	2.2	1.5	-
TON-MILES	(millions of ton-miles)								
Total	6,098	100.0	34.9	49.0	13.1	.3	1.7	.8	.2
Under 50 miles	64	100.0	5.1	39.7	54.1	-	-	.8	.3
50 to 99 miles	172	100.0	12.3	36.6	49.3	.2	1.4	.1	.1
100 to 199 miles	484	100.0	16.5	39.5	42.6	-	.1	1.2	.1
200 to 299 miles	452	100.0	27.0	48.4	18.3	-	5.9	.2	.2
300 to 399 miles	609	100.0	27.5	53.1	15.1	.1	4.0	.2	-
400 to 499 miles	379	100.0	28.1	54.5	9.6	.2	7.3	.3	-
500 to 599 miles	538	100.0	40.4	41.2	18.0	.2	-	.2	-
600 to 799 miles	709	100.0	38.1	50.9	10.1	.2	-	.7	-
800 to 999 miles	586	100.0	40.9	51.0	7.2	.3	.1	.4	.1
1,000 to 1,199 miles	386	100.0	48.8	42.2	3.4	1.0	.2	4.4	-
1,200 to 1,499 miles	483	100.0	33.4	63.0	3.2	.1	.1	.2	-
1,500 to 1,999 miles	600	100.0	49.5	45.8	2.6	.3	-	.5	1.3
2,000 miles and over	636	100.0	39.7	53.0	1.6	1.0	3.1	1.6	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 16--Percent Distribution of Weight, by Means of Transport: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	15,350	100.0	22.9	44.1	30.6	2.4
Under 1,000 pounds	1,096	100.0	1.7	76.9	16.9	4.5
Under 50 pounds	44	100.0	1.4	44.9	16.8	36.9
50 to 99 pounds	55	100.0	3.1	70.3	13.8	12.8
100 to 199 pounds	146	100.0	1.7	81.2	13.4	3.7
200 to 499 pounds	408	100.0	1.3	79.8	16.1	2.8
500 to 999 pounds	443	100.0	1.8	76.8	19.1	2.3
1,000 to 9,999 pounds	2,418	100.0	1.9	63.8	33.0	1.3
1,000 to 1,999 pounds	541	100.0	2.0	71.9	24.7	1.4
2,000 to 2,999 pounds	410	100.0	1.4	53.7	43.4	1.5
3,000 to 3,999 pounds	306	100.0	.5	60.0	38.3	1.2
4,000 to 4,999 pounds	218	100.0	.8	58.7	38.9	1.6
5,000 to 9,999 pounds	943	100.0	2.9	65.6	30.3	1.2
10,000 to 29,999 pounds	3,257	100.0	9.7	54.3	35.3	.7
10,000 to 19,999 pounds	1,704	100.0	7.2	50.7	41.0	1.1
20,000 to 29,999 pounds	1,553	100.0	12.4	58.3	29.0	.3
30,000 to 59,999 pounds	5,126	100.0	17.8	38.4	43.5	.3
30,000 to 39,999 pounds	2,984	100.0	12.3	33.1	54.5	.1
40,000 to 49,999 pounds	1,698	100.0	16.7	49.4	33.6	.3
50,000 to 59,999 pounds	444	100.0	59.7	30.9	7.5	1.9
60,000 to 89,999 pounds	1,231	100.0	70.0	22.2	5.7	2.1
60,000 to 69,999 pounds	510	100.0	70.4	24.8	3.9	.9
70,000 to 79,999 pounds	316	100.0	80.0	12.6	5.8	1.6
80,000 to 89,999 pounds	405	100.0	61.9	26.2	7.9	4.0
90,000 pounds and over	2,222	100.0	61.4	16.2	12.0	10.4
TON-MILES	(millions of ton-miles)					
Total	5,822	100.0	34.3	49.3	13.3	3.1
Under 1,000 pounds	561	100.0	4.7	81.5	6.8	7.0
Under 50 pounds	21	100.0	3.4	47.1	3.2	46.3
50 to 99 pounds	30	100.0	6.6	71.2	7.5	14.7
100 to 199 pounds	79	100.0	4.1	84.1	5.2	6.6
200 to 499 pounds	209	100.0	3.9	83.9	7.1	5.1
500 to 999 pounds	222	100.0	5.5	83.3	7.3	3.9
1,000 to 9,999 pounds	953	100.0	4.9	77.1	15.0	3.0
1,000 to 1,999 pounds	249	100.0	5.4	83.5	8.1	3.0
2,000 to 2,999 pounds	159	100.0	3.6	69.3	22.2	4.9
3,000 to 3,999 pounds	110	100.0	2.1	80.9	13.1	3.9
4,000 to 4,999 pounds	80	100.0	3.5	74.3	20.3	1.9
5,000 to 9,999 pounds	355	100.0	6.3	75.7	16.1	1.9
10,000 to 29,999 pounds	1,181	100.0	21.5	59.6	17.2	1.7
10,000 to 19,999 pounds	623	100.0	16.7	61.1	19.8	2.4
20,000 to 29,999 pounds	558	100.0	26.9	57.9	14.3	.9
30,000 to 59,999 pounds	1,537	100.0	39.4	37.6	22.3	.7
30,000 to 39,999 pounds	816	100.0	29.7	38.8	31.1	.4
40,000 to 49,999 pounds	500	100.0	39.5	42.7	16.7	1.1
50,000 to 59,999 pounds	221	100.0	75.1	21.7	2.6	.6
60,000 to 89,999 pounds	749	100.0	72.0	25.4	1.8	.8
60,000 to 69,999 pounds	390	100.0	68.0	30.0	1.8	.2
70,000 to 79,999 pounds	171	100.0	90.4	7.3	1.7	.6
80,000 to 89,999 pounds	188	100.0	63.6	32.2	2.1	2.1
90,000 pounds and over	841	100.0	62.6	25.3	3.7	8.4

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 16--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	15,350	100.0	22.9	44.1	30.6	2.4
Under 200 miles	7,340	100.0	12.4	36.9	49.9	.8
Under 1,000 pounds	400	100.0	.2	61.8	35.1	2.9
1,000 to 9,999 pounds	1,150	100.0	.2	47.4	51.3	1.1
10,000 to 29,999 pounds	1,609	100.0	1.8	41.9	55.9	.4
30,000 to 59,999 pounds	2,879	100.0	4.9	33.5	61.5	.1
60,000 to 89,999 pounds	315	100.0	53.6	31.9	13.3	1.2
90,000 pounds and over	987	100.0	57.6	17.8	21.9	2.7
200 to 399 miles	3,382	100.0	25.8	50.7	17.8	5.7
Under 1,000 pounds	214	100.0	.3	87.8	8.0	3.9
1,000 to 9,999 pounds	472	100.0	1.3	76.0	22.1	.6
10,000 to 29,999 pounds	718	100.0	8.1	74.0	17.6	.3
30,000 to 59,999 pounds	1,071	100.0	19.5	52.8	26.8	.9
60,000 to 89,999 pounds	314	100.0	75.1	12.6	5.2	7.1
90,000 pounds and over	593	100.0	61.0	6.3	8.3	24.4
400 to 599 miles	1,691	100.0	33.2	47.5	15.2	4.1
Under 1,000 pounds	138	100.0	1.9	89.9	3.7	4.5
1,000 to 9,999 pounds	272	100.0	3.3	79.6	16.6	.5
10,000 to 29,999 pounds	316	100.0	20.7	58.4	20.9	-
30,000 to 59,999 pounds	551	100.0	32.8	44.0	23.2	-
60,000 to 89,999 pounds	152	100.0	81.0	11.2	7.8	-
90,000 pounds and over	262	100.0	68.9	7.2	.7	23.2
600 to 999 miles	1,627	100.0	37.8	52.0	9.3	.9
Under 1,000 pounds	194	100.0	1.2	86.5	6.7	5.6
1,000 to 9,999 pounds	302	100.0	3.6	77.8	17.4	1.2
10,000 to 29,999 pounds	376	100.0	20.9	66.5	12.5	.1
30,000 to 59,999 pounds	382	100.0	56.2	33.8	10.0	-
60,000 to 89,999 pounds	223	100.0	72.3	27.7	-	-
90,000 pounds and over	150	100.0	98.8	1.2	-	-
1,000 miles and over	1,310	100.0	43.0	51.2	2.6	3.2
Under 1,000 pounds	149	100.0	7.9	77.3	5.9	8.9
1,000 to 9,999 pounds	223	100.0	8.5	83.1	4.1	4.3
10,000 to 29,999 pounds	237	100.0	35.7	52.8	4.3	7.2
30,000 to 59,999 pounds	243	100.0	69.7	27.1	2.3	.9
60,000 to 89,999 pounds	228	100.0	76.3	23.7	-	-
90,000 pounds and over	230	100.0	45.4	54.6	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	5,822	100.0	34.3	49.3	13.3	3.1
Under 200 miles	657	100.0	14.6	37.9	46.7	.8
Under 1,000 pounds	34	100.0	.3	73.8	23.3	2.6
1,000 to 9,999 pounds	95	100.0	.3	53.7	44.6	1.4
10,000 to 29,999 pounds	145	100.0	2.1	42.4	55.1	.4
30,000 to 59,999 pounds	253	100.0	5.3	33.0	61.6	.1
60,000 to 89,999 pounds	30	100.0	55.4	32.0	11.6	1.0
90,000 pounds and over	100	100.0	61.9	18.3	18.0	1.8
200 to 399 miles	1,000	100.0	26.2	51.2	17.2	5.4
Under 1,000 pounds	63	100.0	.3	88.4	7.4	3.9
1,000 to 9,999 pounds	136	100.0	1.4	76.9	20.9	.8
10,000 to 29,999 pounds	214	100.0	8.9	73.5	17.2	.4
30,000 to 59,999 pounds	323	100.0	20.0	53.1	26.1	.8
60,000 to 89,999 pounds	92	100.0	75.5	12.7	5.5	6.3
90,000 pounds and over	172	100.0	62.1	6.3	7.3	24.3

See footnote at end of table.

TABLE 3. SHIPPER GROUP 16--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	844	100.0	33.3	47.6	15.3	3.8
Under 1,000 to pounds	69	100.0	1.7	89.7	4.0	4.6
1,000 to 9,999 pounds	132	100.0	3.1	80.7	15.7	.5
10,000 to 29,999 pounds	157	100.0	20.9	57.4	21.7	-
30,000 to 59,999 pounds	279	100.0	32.0	44.6	23.4	-
60,000 to 89,999 pounds	77	100.0	82.0	11.3	6.7	-
90,000 pounds and over	130	100.0	70.1	8.0	.7	21.2
600 to 999 miles	1,253	100.0	37.9	52.1	9.1	.9
Under 1,000 pounds	150	100.0	1.3	86.5	6.6	5.6
1,000 to 9,999 pounds	229	100.0	3.2	79.0	16.6	1.2
10,000 to 29,999 pounds	284	100.0	22.3	65.0	12.6	.1
30,000 to 59,999 pounds	288	100.0	56.0	33.4	10.6	-
60,000 to 89,999 pounds	185	100.0	68.1	31.9	-	-
90,000 pounds and over	117	100.0	98.6	1.4	-	-
1,000 miles and over	2,068	100.0	42.7	51.4	2.4	3.5
Under 1,000 pounds	245	100.0	9.3	75.6	5.3	9.8
1,000 to 9,999 pounds	360	100.0	9.1	80.9	3.8	6.2
10,000 to 29,999 pounds	380	100.0	35.6	55.1	4.3	5.0
30,000 to 59,999 pounds	395	100.0	70.1	26.3	1.8	1.8
60,000 to 89,999 pounds	365	100.0	72.4	27.6	-	-
90,000 pounds and over	323	100.0	46.7	53.3	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 16--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	16,668	100.0	23.0	44.6	29.8	0.1	1.7	0.7	0.1
New England	634	100.0	9.3	70.2	19.7	.1	.4	.3	-
Middle Atlantic	2,497	100.0	28.0	58.6	12.0	.1	.9	.3	.1
East North Central	5,770	100.0	19.1	48.9	30.2	.2	-	1.5	.1
West North Central	944	100.0	39.8	49.3	10.7	.1	-	.1	-
South Atlantic	2,840	100.0	18.6	16.0	65.1	.1	-	.2	-
East South Central	1,264	100.0	43.0	27.5	20.1	-	8.8	.6	-
West South Central	1,248	100.0	27.5	40.1	21.0	-	11.3	.1	-
Mountain[1]	157	-	-	-	-	-	-	-	-
Pacific[2]	1,314	100.0	10.2	68.9	19.3	.1	.2	.2	1.1
TONS-MILES	(millions of ton-miles)								
U.S. total	6,098	100.0	34.9	49.0	13.1	.3	1.7	.8	.2
New England	443	100.0	21.2	76.3	1.6	.1	.2	.6	-
Middle Atlantic	829	100.0	47.6	45.6	4.1	.4	1.0	1.2	.1
East North Central	2,236	100.0	30.7	54.5	13.1	.4	.1	1.2	-
West North Central	491	100.0	44.5	49.9	5.2	.3	-	.1	-
South Atlantic	570	100.0	25.9	26.7	46.2	.6	.2	.4	-
East South Central	478	100.0	58.8	25.4	8.2	-	6.9	.7	-
West South Central	528	100.0	39.2	40.4	11.0	-	9.2	.2	-
Mountain[1]	76	-	-	-	-	-	-	-	-
Pacific[2]	447	100.0	16.1	66.9	12.0	.3	2.0	.7	2.0

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 16--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	16,668	16,668	792	2,800	3,912	983	3,212	1,117	1,708	538	1,606
Ton-miles.....millions..	6,098	6,098	295	728	831	428	927	412	805	526	1,146
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	16,668	100.0	4.8	16.8	23.5	5.9	19.3	6.7	10.2	3.2	9.6
Shipments from--											
New England.....	634	100.0	34.9	17.3	14.9	3.2	6.7	2.9	7.7	.6	11.8
Middle Atlantic.....	2,497	100.0	10.8	48.7	15.2	2.4	11.7	2.8	3.7	1.8	2.9
East North Central.....	5,770	100.0	3.4	11.7	51.4	8.2	10.4	4.9	3.3	3.5	3.2
West North Central.....	944	100.0	1.5	8.7	22.8	31.5	10.3	6.3	10.0	5.4	3.5
South Atlantic.....	2,840	100.0	2.1	21.6	2.5	.4	67.3	3.7	1.8	.1	.5
East South Central.....	1,264	100.0	1.0	4.0	9.2	3.3	15.7	27.7	34.6	2.4	2.1
West South Central.....	1,248	100.0	1.2	2.7	3.5	3.7	4.1	18.3	60.8	2.4	3.3
Mountain[2].....	157	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	1,314	100.0	.3	1.3	1.7	1.0	1.0	.3	2.2	8.1	84.1
TON-MILES	(millions)										
U.S. total.....	6,098	100.0	4.8	11.9	13.6	7.0	15.2	6.8	13.2	8.6	18.9
Shipments from--											
New England.....	443	100.0	3.3	4.3	15.1	5.1	6.0	4.0	17.0	1.6	43.6
Middle Atlantic.....	829	100.0	6.5	14.7	16.1	6.1	10.2	5.0	12.7	8.8	19.9
East North Central.....	2,236	100.0	6.1	11.7	17.2	9.3	13.9	5.5	8.3	12.2	15.8
West North Central.....	491	100.0	3.3	15.3	18.6	11.2	18.2	6.1	10.3	7.5	9.5
South Atlantic.....	570	100.0	4.3	22.9	5.0	1.6	47.3	4.5	7.8	.4	6.2
East South Central.....	478	100.0	2.5	7.1	10.6	5.5	13.8	12.3	27.4	9.2	11.6
West South Central.....	528	100.0	4.4	7.7	6.0	4.5	9.1	20.5	32.3	4.1	11.4
Mountain[2].....	76	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	447	100.0	2.4	8.6	9.0	4.1	6.3	1.4	8.6	13.2	46.4

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 16--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	16,668	100.0	23.0	44.6	29.8	0.1	1.7	0.7	0.1
Middle Atlantic, total	2,497	100.0	28.0	58.6	12.0	.1	.9	.3	.1
Shipments to--									
New England	269	100.0	15.3	79.7	4.8	-	-	.2	-
Middle Atlantic	1,214	100.0	15.9	64.1	19.6	-	.2	.1	.1
East North Central	380	100.0	39.4	49.8	5.4	.2	4.7	.5	-
West North Central	60	100.0	48.0	46.3	3.0	.5	-	1.8	.4
South Atlantic	293	100.0	37.2	54.1	8.3	.1	-	.3	-
East South Central	69	100.0	55.5	43.6	.7	.1	-	.1	-
West South Central	93	100.0	68.8	27.1	3.0	.3	.4	.4	-
Pacific	73	100.0	56.8	38.1	-	.9	.8	3.4	-
East North Central, total	5,770	100.0	19.1	48.9	30.2	.2	-	1.5	.1
Shipments to--									
New England	195	100.0	21.5	76.8	1.4	.2	-	.1	-
Middle Atlantic	677	100.0	21.1	54.2	23.8	.3	-	.4	.2
East North Central	2,965	100.0	10.9	41.8	46.6	.1	-	.6	-
West North Central	471	100.0	32.7	51.3	15.6	.1	-	.3	-
South Atlantic	601	100.0	18.4	63.2	7.7	.5	-	10.2	-
East South Central	281	100.0	24.6	51.6	23.6	-	-	.2	-
West South Central	191	100.0	54.9	36.3	8.1	.4	-	.3	-
Mountain	203	100.0	21.1	78.2	.3	.3	-	.1	-
Pacific	186	100.0	59.7	37.4	1.4	.5	.3	.7	-
South Atlantic, total	2,840	100.0	18.6	16.0	65.1	.1	-	.2	-
Shipments to--									
Middle Atlantic	613	100.0	2.6	27.7	69.3	.1	.1	.2	-
East North Central	72	100.0	2.0	82.5	14.4	.2	-	.9	-
South Atlantic	1,914	100.0	24.6	8.1	67.2	-	-	.1	-
East South Central	106	100.0	.2	22.3	77.2	-	-	.3	-
East South Central, total	1,264	100.0	43.0	27.5	20.1	-	8.8	.6	-
Shipments to--									
Middle Atlantic	51	100.0	38.4	53.5	7.5	-	.1	.5	-
East North Central	117	100.0	61.2	33.3	5.3	-	-	.2	-
South Atlantic	199	100.0	50.0	26.0	22.1	.1	-	1.8	-
East South Central	350	100.0	31.6	32.6	25.8	-	9.7	.3	-
West South Central	436	100.0	36.5	21.9	23.6	-	17.7	.3	-
Pacific, total	1,314	100.0	10.2	68.9	19.3	.1	.2	.2	1.1
Shipments to--									
East North Central	23	100.0	-	63.3	25.7	.6	-	1.1	9.3
West South Central	29	100.0	12.6	56.7	19.9	.1	-	1.2	9.5
Mountain	107	100.0	15.8	64.4	17.3	-	-	.5	2.0
Pacific	1,105	100.0	10.2	68.7	20.0	-	.3	.1	.7
	(millions of ton-miles)								
TON-MILES									
U.S. total	6,098	100.0	34.9	49.0	13.1	.3	1.7	.8	.2
Middle Atlantic, total	829	100.0	47.6	45.6	4.1	.4	1.0	1.2	.1
Shipments to--									
New England	54	100.0	27.8	66.8	5.2	-	-	.2	-
Middle Atlantic	122	100.0	28.3	58.8	12.5	-	.2	.1	.1
East North Central	134	100.0	36.8	53.9	4.9	.3	3.3	.8	-
West North Central	51	100.0	45.5	48.2	3.1	.6	-	2.1	.5
South Atlantic	85	100.0	46.0	48.3	5.0	.3	-	.4	-
East South Central	42	100.0	55.0	44.2	.5	.1	-	.1	.1
West South Central	105	100.0	65.2	30.6	2.9	.3	.5	.5	-
Pacific	165	100.0	55.3	38.2	-	.9	1.8	3.8	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 16--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	2,236	100.0	30.7	54.5	13.1	0.4	0.1	1.2	-
Shipments to--									
New England	137	100.0	17.2	81.5	1.0	.2	-	.1	-
Middle Atlantic	262	100.0	19.1	51.5	28.4	.4	-	.5	0.1
East North Central	385	100.0	13.6	54.7	31.1	.1	-	.4	.1
West North Central	207	100.0	36.9	47.7	15.1	.1	-	.2	-
South Atlantic	311	100.0	20.3	64.1	8.1	.9	-	6.6	-
East South Central	123	100.0	32.4	50.0	17.4	-	-	.2	-
West South Central	185	100.0	58.5	34.1	6.8	.4	-	.2	-
Mountain	273	100.0	22.5	76.9	.3	.2	-	.1	-
Pacific	353	100.0	60.1	36.5	1.4	.6	.7	.7	-
South Atlantic, total	570	100.0	25.9	26.7	46.2	.6	.2	.4	-
Shipments to--									
Middle Atlantic	131	100.0	2.9	34.3	61.6	.2	.5	.5	-
East North Central	29	100.0	2.9	79.3	16.2	.3	-	1.3	-
South Atlantic	270	100.0	36.8	13.1	50.0	-	-	.1	-
East South Central	25	100.0	.4	28.7	70.3	-	-	.6	-
East South Central, total	478	100.0	58.8	25.4	8.2	-	6.9	.7	-
Shipments to--									
Middle Atlantic	34	100.0	35.2	57.5	6.6	-	.1	.6	-
East North Central	51	100.0	70.2	27.5	2.0	-	-	.3	-
South Atlantic	66	100.0	59.5	26.8	11.0	.3	-	2.4	-
East South Central	59	100.0	41.7	27.1	18.9	-	12.0	.3	-
West South Central	132	100.0	46.4	24.3	9.7	-	19.2	.4	-
Pacific, total	447	100.0	16.1	66.9	12.0	.3	2.0	.7	2.0
Shipments to--									
East North Central	40	100.0	-	63.9	26.1	.6	-	1.1	8.3
West South Central	38	100.0	13.1	55.2	18.8	.1	-	1.1	11.7
Mountain	59	100.0	18.4	67.4	13.5	-	-	.2	.5
Pacific	207	100.0	26.6	57.0	11.5	.1	4.3	.2	.3

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 16--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	16,668	3,572	8,760	4,336	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	6,098	787	3,334	1,977
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	23.0	.4	19.5	48.5	34.9	.9	30.6	55.6
Motor carrier.....	44.6	34.4	52.6	37.0	49.0	58.2	55.3	34.7
Private truck.....	29.8	63.3	26.2	9.6	13.1	39.0	11.3	6.0
Air.....	.1	-	.1	.2	.3	.2	.3	.3
Water.....	1.7	-	1.0	4.4	1.7	.1	1.4	2.9
Other.....	.7	1.9	.4	.3	.8	1.5	.8	.5
Unknown.....	.1	-	.2	-	.2	.1	.3	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	28.6	43.5	27.6	18.6	3.9	9.1	3.7	2.1
100 to 199 miles.....	20.7	25.5	22.5	13.0	7.9	15.1	8.4	4.3
200 to 299 miles.....	11.1	6.0	10.2	17.1	7.4	6.6	6.6	9.2
300 to 399 miles.....	10.4	6.9	10.4	13.4	10.0	10.9	9.6	10.3
400 to 499 miles.....	5.1	3.8	4.2	8.1	6.2	7.5	4.9	8.0
500 to 999 miles.....	16.1	11.8	15.5	20.5	30.1	33.4	28.6	31.3
1,000 miles and over.....	8.0	2.5	9.6	9.3	34.5	17.4	38.2	34.8

Table 8. SHIPPER GROUP 16--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Fabricated Metal Products, Except Metal Cans and Miscellaneous

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	47.3	38.8	60.1	78.3
Highway facilities.....	81.3	79.1	84.6	88.1
Rail and highway facilities.....	34.5	25.7	47.4	67.1
Air facilities.....	83.9	81.9	86.6	93.0
Rail, highway, and air facilities.....	28.6	19.1	43.0	63.3
Water facilities.....	16.8	14.5	19.6	30.7
Rail, highway, air, and water facilities.	7.6	6.6	7.9	20.7

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 6.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 161--Percent Distribution of Distance, by Means of Transport: 1967

Cutlery, Tools, and Hardware

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,925	100.0	20.6	65.7	11.4	0.6	0.3	1.4	-
Under 50 miles	99	100.0	20.3	68.7	8.5	-	-	2.5	-
50 to 99 miles	227	100.0	24.8	56.4	16.8	-	1.5	.5	-
100 to 199 miles	249	100.0	19.2	55.2	24.8	.2	-	.6	-
200 to 299 miles	185	100.0	21.9	65.3	11.4	.2	-	1.2	-
300 to 399 miles	174	100.0	12.0	74.1	11.5	.6	-	1.8	-
400 to 499 miles	114	100.0	35.8	55.4	6.0	1.2	-	1.5	0.1
500 to 599 miles	169	100.0	32.0	49.1	17.1	.8	-	1.0	-
600 to 799 miles	186	100.0	17.5	62.3	16.6	1.0	-	2.6	-
800 to 999 miles	83	100.0	11.2	85.6	.5	.7	-	1.7	.3
1,000 to 1,199 miles	56	100.0	23.0	71.2	.2	1.3	1.1	3.1	.1
1,200 to 1,499 miles	162	100.0	2.2	97.0	.2	.1	-	.5	-
1,500 to 1,999 miles	94	100.0	23.7	73.7	.5	.8	-	1.3	-
2,000 miles and over	127	100.0	28.3	65.1	1.3	1.5	.8	2.9	.1
TON-MILES	(millions of ton-miles)								
Total	1,249	100.0	20.1	71.2	5.4	.9	.5	1.8	.1
Under 50 miles	3	100.0	25.1	64.2	8.6	-	-	2.1	-
50 to 99 miles	17	100.0	21.2	57.9	18.8	-	1.6	.5	-
100 to 199 miles	37	100.0	20.1	56.6	22.5	.2	-	.6	-
200 to 299 miles	45	100.0	21.8	65.9	10.9	.2	-	1.2	-
300 to 399 miles	59	100.0	12.9	74.0	10.6	.7	-	1.8	-
400 to 499 miles	51	100.0	36.0	55.1	6.1	1.2	-	1.5	.1
500 to 599 miles	90	100.0	31.0	49.9	17.2	.8	-	1.1	-
600 to 799 miles	125	100.0	16.7	63.8	15.9	1.0	-	2.6	-
800 to 999 miles	73	100.0	10.9	85.8	.6	.7	-	1.7	.3
1,000 to 1,199 miles	61	100.0	21.8	72.6	.2	1.2	1.1	3.0	.1
1,200 to 1,499 miles	208	100.0	2.4	96.8	.2	.1	-	.5	-
1,500 to 1,999 miles	168	100.0	26.0	71.4	.4	.9	-	1.3	-
2,000 miles and over	312	100.0	27.1	65.5	1.3	1.5	1.6	2.9	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 161--Percent Distribution of Weight, by Means of Transport: 1967

Cutlery, Tools, and Hardware

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,880	100.0	21.1	67.2	9.3	2.4
Under 1,000 pounds	450	100.0	2.7	86.8	3.0	7.5
Under 50 pounds	22	100.0	1.6	40.9	1.1	56.4
50 to 99 pounds	27	100.0	5.6	70.6	3.5	20.3
100 to 199 pounds	67	100.0	2.9	90.0	1.4	5.7
200 to 499 pounds	169	100.0	2.1	91.7	1.7	4.5
500 to 999 pounds	165	100.0	2.8	89.0	5.2	3.0
1,000 to 9,999 pounds	522	100.0	2.8	77.8	17.4	2.0
1,000 to 1,999 pounds	176	100.0	3.8	87.9	6.4	1.9
2,000 to 2,999 pounds	82	100.0	2.5	79.6	14.1	3.8
3,000 to 3,999 pounds	61	100.0	1.1	81.8	14.6	2.5
4,000 to 4,999 pounds	41	100.0	1.9	77.9	19.1	1.1
5,000 to 9,999 pounds	162	100.0	2.6	64.7	31.6	1.1
10,000 to 29,999 pounds	293	100.0	13.6	66.5	19.8	.1
10,000 to 19,999 pounds	184	100.0	8.5	63.4	27.9	.2
20,000 to 29,999 pounds	109	100.0	22.1	71.8	6.1	-
30,000 to 59,999 pounds	238	100.0	47.2	47.6	5.2	-
30,000 to 39,999 pounds	137	100.0	42.5	48.5	9.0	-
40,000 to 49,999 pounds	71	100.0	41.2	58.8	-	-
50,000 to 59,999 pounds	30	100.0	82.6	17.4	-	-
60,000 to 89,999 pounds	118	100.0	68.5	31.5	-	-
60,000 to 69,999 pounds	29	100.0	44.7	55.3	-	-
70,000 to 79,999 pounds	30	100.0	100.0	-	-	-
80,000 to 89,999 pounds	59	100.0	64.6	35.4	-	-
90,000 pounds and over	259	100.0	53.0	47.0	-	-
TON-MILES	(millions of ton-miles)					
Total	1,243	100.0	20.2	71.6	4.9	3.3
Under 1,000 pounds	279	100.0	6.9	81.2	2.3	9.6
Under 50 pounds	13	100.0	3.4	37.4	.7	58.5
50 to 99 pounds	17	100.0	10.3	64.8	6.5	18.4
100 to 199 pounds	41	100.0	6.9	82.2	1.6	9.3
200 to 499 pounds	108	100.0	5.7	84.6	2.8	6.9
500 to 999 pounds	100	100.0	8.1	85.8	1.6	4.5
1,000 to 9,999 pounds	277	100.0	6.6	80.1	8.8	4.5
1,000 to 1,999 pounds	110	100.0	10.1	84.7	1.6	3.6
2,000 to 2,999 pounds	43	100.0	6.0	71.1	9.4	13.5
3,000 to 3,999 pounds	33	100.0	5.4	86.4	2.6	5.6
4,000 to 4,999 pounds	21	100.0	5.1	81.9	10.1	2.9
5,000 to 9,999 pounds	70	100.0	2.6	74.5	22.3	.6
10,000 to 29,999 pounds	172	100.0	14.9	69.6	15.3	.2
10,000 to 19,999 pounds	107	100.0	9.1	66.7	23.9	.3
20,000 to 29,999 pounds	65	100.0	24.3	74.7	1.0	-
30,000 to 59,999 pounds	164	100.0	48.4	48.9	2.7	-
30,000 to 39,999 pounds	114	100.0	40.5	55.6	3.9	-
40,000 to 49,999 pounds	28	100.0	46.0	54.0	-	-
50,000 to 59,999 pounds	22	100.0	92.5	7.5	-	-
60,000 to 89,999 pounds	111	100.0	31.3	68.7	-	-
60,000 to 69,999 pounds	47	100.0	9.7	90.3	-	-
80,000 to 79,999 pounds	18	100.0	100.0	-	-	-
80,000 to 89,999 pounds	46	100.0	26.7	73.3	-	-
90,000 pounds and over	240	100.0	30.5	69.5	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 161--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Cutlery, Tools, and Hardware

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,880	100.0	21.1	67.2	9.3	2.4
Under 200 miles	530	100.0	23.4	62.8	12.1	1.7
Under 1,000 pounds	121	100.0	.6	88.2	6.1	5.1
1,000 to 9,999 pounds	179	100.0	.4	74.8	23.1	1.7
10,000 to 29,999 pounds	81	100.0	8.5	74.4	17.1	-
30,000 to 59,999 pounds	61	100.0	44.3	53.2	2.5	-
60,000 to 89,999 pounds	39	100.0	100.0	-	-	-
90,000 pounds and over	49	100.0	100.0	-	-	-
200 to 399 miles	359	100.0	17.1	69.5	11.5	1.9
Under 1,000 pounds	92	100.0	.1	89.2	3.7	7.0
1,000 to 9,999 pounds	129	100.0	.4	77.5	21.7	.4
10,000 to 29,999 pounds	51	100.0	11.0	87.0	2.0	-
30,000 to 59,999 pounds	46	100.0	30.5	50.5	19.0	-
60,000 to 89,999 pounds	9	100.0	100.0	-	-	-
90,000 pounds and over	32	100.0	100.0	-	-	-
400 to 599 miles	283	100.0	33.5	51.7	12.6	2.2
Under 1,000 pounds	69	100.0	1.3	90.9	.3	7.5
1,000 to 9,999 pounds	54	100.0	7.2	78.0	12.6	2.2
10,000 to 29,999 pounds	66	100.0	26.5	30.2	43.3	-
30,000 to 59,999 pounds	60	100.0	64.7	35.3	-	-
60,000 to 89,999 pounds	4	100.0	100.0	-	-	-
90,000 pounds and over	30	100.0	100.0	-	-	-
600 to 999 miles	269	100.0	15.5	69.6	11.6	3.3
Under 1,000 pounds	85	100.0	2.0	89.1	.5	8.4
1,000 to 9,999 pounds	81	100.0	2.9	77.7	17.8	1.6
10,000 to 29,999 pounds	58	100.0	6.9	67.5	24.9	.7
30,000 to 59,999 pounds	21	100.0	46.3	44.1	9.6	-
60,000 pounds and over	24	100.0	100.0	-	-	-
1,000 miles and over	439	100.0	17.0	79.5	.6	2.9
Under 1,000 pounds	82	100.0	10.4	76.4	2.6	10.6
1,000 to 9,999 pounds	80	100.0	8.7	85.7	.5	5.1
10,000 to 29,999 pounds	38	100.0	15.3	84.7	-	-
30,000 to 59,999 pounds	49	100.0	45.6	54.4	-	-
60,000 to 89,999 pounds	43	100.0	12.4	87.6	-	-
90,000 pounds and over	147	100.0	17.5	82.5	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	1,243	100.0	20.2	71.6	4.9	3.3
Under 200 miles	51	100.0	22.9	63.6	12.1	1.4
Under 1,000 pounds	12	100.0	.5	91.0	4.6	3.9
1,000 to 9,999 pounds	17	100.0	.5	73.9	24.0	1.6
10,000 to 29,999 pounds	8	100.0	9.0	72.2	18.8	-
30,000 to 59,999 pounds	7	100.0	45.9	50.9	3.2	-
60,000 to 89,999 pounds	3	100.0	100.0	-	-	-
90,000 pounds and over	4	100.0	100.0	-	-	-
200 to 399 miles	103	100.0	16.8	70.5	10.7	2.0
Under 1,000 pounds	27	100.0	.1	89.3	3.7	6.9
1,000 to 9,999 pounds	37	100.0	.5	79.4	19.5	.6
10,000 to 29,999 pounds	14	100.0	12.0	86.4	1.6	-
30,000 to 59,999 pounds	14	100.0	32.0	49.4	18.6	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	9	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 161--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Cutlery, Tools, and Hardware

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	141	100.0	32.8	51.8	13.2	2.2
Under 1,000 pounds	35	100.0	1.2	91.1	.3	7.4
1,000 to 9,999 pounds	27	100.0	6.7	79.4	11.7	2.2
10,000 to 29,999 pounds	34	100.0	26.0	28.8	45.2	-
30,000 to 59,999 pounds	29	100.0	64.6	35.4	-	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	14	100.0	100.0	-	-	-
600 to 999 miles	198	100.0	14.6	71.8	10.3	3.3
Under 1,000 pounds	66	100.0	2.1	89.0	.6	8.3
1,000 to 9,999 pounds	60	100.0	3.0	80.1	15.4	1.5
10,000 to 29,999 pounds	40	100.0	7.1	69.3	22.9	.7
30,000 to 59,999 pounds	15	100.0	40.5	49.3	10.2	-
60,000 pounds and over	17	100.0	100.0	-	-	-
1,000 miles and over	750	100.0	19.5	76.3	.7	3.5
Under 1,000 pounds	139	100.0	12.5	72.5	3.2	11.8
1,000 to 9,999 pounds	137	100.0	10.6	81.1	.6	7.7
10,000 to 29,999 pounds	76	100.0	15.1	84.9	-	-
30,000 to 59,999 pounds	98	100.0	47.3	52.7	-	-
60,000 to 89,999 pounds	87	100.0	12.2	87.8	-	-
90,000 pounds and over	213	100.0	21.7	78.3	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 161--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Cutlery, Tools, and Hardware

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,925	100.0	20.6	65.7	11.4	0.6	0.3	1.4	-
New England	317	100.0	10.8	85.0	3.2	.2	.2	.6	-
Middle Atlantic	225	100.0	29.7	63.5	1.1	.9	1.5	3.1	0.2
East North Central	1,034	100.0	28.0	56.7	14.1	.5	-	.7	-
South Atlantic	54	100.0	9.0	78.2	4.4	3.6	1.2	3.6	-
East South Central	61	100.0	-	87.3	.1	.5	.2	11.9	-
Balance of United States[1]	234	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total[1]	1,249	100.0	20.1	71.2	5.4	.9	.5	1.8	.1
New England	337	100.0	17.8	80.8	.3	.1	.2	.7	.1
Middle Atlantic	130	100.0	22.4	66.0	.1	1.7	2.4	7.1	.3
East North Central	526	100.0	28.3	62.3	7.7	.8	.2	.7	-
South Atlantic	59	100.0	20.0	64.6	6.5	5.4	1.5	2.0	-
East South Central	33	100.0	-	89.2	-	.6	.2	10.0	-
Balance of United States[1]	164	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 161--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Cutlery, Tools, and Hardware

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,925	1,925	77	266	674	131	179	81	170	151	196
Ton-miles.....millions..	1,249	1,249	27	114	178	88	100	49	133	188	372
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,925	100.0	4.0	13.8	35.0	6.8	9.3	4.2	8.8	7.9	10.2
Shipments from--											
New England	317	100.0	11.8	19.5	18.4	3.4	9.8	3.0	12.2	.5	21.4
Middle Atlantic	225	100.0	5.3	30.7	38.2	3.3	7.6	1.8	3.9	2.4	6.8
East North Central	1,034	100.0	1.9	9.2	49.0	9.2	9.2	1.6	2.9	11.9	5.1
South Atlantic	54	100.0	5.9	20.8	16.5	2.2	14.4	7.8	9.8	.7	21.9
East South Central	61	100.0	5.6	19.4	11.2	6.3	27.0	13.7	12.4	1.6	2.8
Balance of U.S.[2]	234	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	1,249	100.0	2.2	9.1	14.3	7.0	8.0	3.9	10.6	15.0	29.9
Shipments from--											
New England	337	100.0	1.0	3.4	12.3	3.6	6.0	3.0	17.6	1.0	52.1
Middle Atlantic	130	100.0	1.8	8.5	32.1	5.3	4.7	2.1	9.0	7.8	28.7
East North Central	526	100.0	2.4	7.7	14.5	9.9	8.9	1.5	5.2	30.4	19.5
South Atlantic	59	100.0	5.9	13.7	10.2	2.0	5.6	4.7	7.9	1.1	48.9
East South Central	33	100.0	9.8	25.7	8.2	6.3	22.0	4.0	9.7	4.5	9.8
Balance of U.S.[2]	164	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 161--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Cutlery, Tools, and Hardware

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,925	100.0	20.6	65.7	11.4	0.6	0.3	1.4	-
New England, total	317	100.0	10.8	85.0	3.2	.2	.2	.6	-
Shipments to--									
New England	38	100.0	.4	72.2	26.6	.1	-	.7	-
Middle Atlantic	62	100.0	.6	97.6	.1	.7	.6	.4	-
East North Central	58	100.0	6.0	93.3	.2	.1	-	.4	-
South Atlantic	31	100.0	26.6	72.0	-	.1	.1	1.2	-
Middle Atlantic, total	225	100.0	29.7	63.5	1.1	.9	1.5	3.1	0.2
Shipments to--									
Middle Atlantic	69	100.0	30.7	60.8	3.3	.1	4.1	.9	.1
East North Central	86	100.0	48.4	48.5	.1	.9	-	2.0	.1
South Atlantic	17	100.0	12.8	83.6	-	1.0	-	2.6	-
East North Central, total	1,034	100.0	28.0	56.7	14.1	.5	-	.7	-
Shipments to--									
Middle Atlantic	95	100.0	34.2	48.7	13.4	2.0	-	1.7	-
East North Central	506	100.0	26.6	55.5	17.2	.1	-	.6	-
West North Central	95	100.0	27.5	40.8	30.2	.4	-	1.1	-
South Atlantic	96	100.0	38.8	45.0	14.4	1.1	-	.7	-
Pacific	52	100.0	65.8	30.6	-	1.8	.5	1.3	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,249	100.0	20.1	71.2	5.4	.9	.5	1.8	.1
New England, total	337	100.0	17.8	80.8	.3	.1	.2	.7	.1
Shipments to--									
New England	3	100.0	.4	75.3	23.8	-	-	.5	-
Middle Atlantic	11	100.0	.3	98.2	.2	.6	.3	.4	-
East North Central	41	100.0	5.6	93.7	.2	.1	-	.4	-
South Atlantic	20	100.0	35.5	62.6	-	.1	.2	1.6	-
Middle Atlantic, total	130	100.0	22.4	66.0	.1	1.7	2.4	7.1	.3
Shipments to--									
Middle Atlantic	11	100.0	35.9	60.3	.9	.1	2.0	.6	.2
East North Central	42	100.0	49.7	46.8	.1	.9	-	2.4	.1
South Atlantic	6	100.0	8.8	84.8	-	2.2	-	4.1	.1
East North Central, total	526	100.0	28.3	62.3	7.7	.8	.2	.7	-
Shipments to--									
Middle Atlantic	40	100.0	31.8	55.8	7.0	2.8	-	2.6	-
East North Central	76	100.0	21.6	60.4	17.5	.2	-	.3	-
West North Central	52	100.0	29.0	34.9	35.0	.4	-	.7	-
South Atlantic	47	100.0	37.1	52.7	8.2	1.1	-	.9	-
Pacific	103	100.0	66.9	29.0	-	1.8	1.1	1.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 161--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Cutlery, Tools, and Hardware

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,925	509	525	891	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,249	230	430	589
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	20.6	.4	3.6	42.2	20.1	.5	6.1	37.9
Motor carrier.....	65.7	62.0	90.3	53.3	71.2	73.6	88.6	58.0
Private truck.....	11.4	35.3	2.8	2.8	5.4	23.3	1.2	1.4
Air.....	.6	.1	.7	.8	.9	.2	1.0	1.0
Water.....	.3	-	.9	-	.5	-	1.3	.1
Other.....	1.4	2.2	1.6	.9	1.8	2.4	1.7	1.6
Unknown.....	-	-	.1	-	.1	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	16.9	23.5	13.0	15.5	1.6	2.9	1.1	1.4
100 to 199 miles.....	12.9	17.2	7.1	13.9	3.0	5.4	1.3	3.2
200 to 299 miles.....	9.6	7.6	11.0	10.0	3.6	4.0	3.2	3.7
300 to 399 miles.....	9.0	8.9	5.6	11.1	4.7	6.7	2.3	5.7
400 to 499 miles.....	5.9	5.5	4.0	7.3	4.1	5.4	2.2	5.0
500 to 999 miles.....	22.8	26.7	20.4	21.9	23.1	38.9	17.1	21.3
1,000 miles and over.....	22.9	10.6	38.9	20.3	59.9	36.7	72.8	59.7

Table 8. SHIPPER CLASS 161--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Cutlery, Tools, and Hardware

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	31.4	31.7	23.2	67.9
Highway facilities	80.3	77.8	84.3	93.1
Rail and highway facilities	23.2	23.0	16.2	61.0
Air facilities	74.9	73.0	76.3	93.1
Rail, highway, and air facilities	13.0	9.5	12.4	61.0
Water facilities	14.2	9.5	21.5	38.5
Rail, highway, air, and water facilities	5.4	4.8	3.7	21.7

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 10.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 162--Percent Distribution of Distance, by Means of Transport: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	1,686	100.0	18.3	64.8	15.8	0.4	-	0.4	0.3
Under 50 miles	94	100.0	-	59.3	39.8	.3	-	.6	-
50 to 99 miles	112	100.0	1.8	69.4	25.5	2.9	-	.4	-
100 to 199 miles	272	100.0	3.8	71.6	24.1	-	-	.5	-
200 to 299 miles	190	100.0	5.0	78.9	15.1	-	-	.3	.7
300 to 399 miles	212	100.0	10.2	76.5	13.0	-	-	.3	-
400 to 499 miles	131	100.0	17.8	77.3	4.3	.1	-	.5	-
500 to 599 miles	128	100.0	24.2	65.6	9.9	.1	-	.2	-
600 to 799 miles	198	100.0	30.1	65.3	4.1	.1	-	.3	.1
800 to 999 miles	136	100.0	34.7	41.4	23.3	.2	-	.3	.1
1,000 to 1,199 miles	69	100.0	53.2	37.4	6.2	2.6	-	.6	-
1,200 to 1,499 miles	35	100.0	23.9	54.0	20.6	.1	1.1	.3	-
1,500 to 1,999 miles	71	100.0	56.6	29.6	8.9	.1	-	.4	4.4
2,000 miles and over	38	100.0	51.5	41.2	5.6	.1	1.2	.3	.1
	(millions of ton-miles)								
TON-MILES									
Total	892	100.0	32.4	54.4	11.5	.4	.3	.3	.7
Under 50 miles	2	100.0	-	65.5	33.7	.1	-	.7	-
50 to 99 miles	8	100.0	1.9	66.6	27.9	3.2	-	.4	-
100 to 199 miles	41	100.0	3.7	71.1	24.7	-	-	.5	-
200 to 299 miles	49	100.0	5.1	79.1	14.8	-	-	.3	.7
300 to 399 miles	73	100.0	10.2	77.1	12.4	-	-	.3	-
400 to 499 miles	59	100.0	17.9	77.2	4.3	.1	-	.5	-
500 to 599 miles	71	100.0	24.1	65.6	10.0	.1	-	.2	-
600 to 799 miles	137	100.0	30.6	64.8	4.1	.1	-	.3	.1
800 to 999 miles	119	100.0	35.1	41.1	23.2	.2	-	.3	.1
1,000 to 1,199 miles	77	100.0	53.7	36.8	6.2	2.7	-	.6	-
1,200 to 1,499 miles	46	100.0	25.1	53.4	20.0	.1	1.1	.3	-
1,500 to 1,999 miles	126	100.0	56.7	29.6	9.0	.1	-	.4	4.2
2,000 miles and over	84	100.0	49.4	42.3	5.4	.2	2.3	.3	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 162--Percent Distribution of Weight, by Means of Transport: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,682	100.0	18.4	64.8	15.6	1.2
Under 1,000 pounds	197	100.0	.5	92.0	4.2	3.3
Under 50 pounds	6	100.0	1.1	53.3	5.2	40.4
50 to 99 pounds	9	100.0	.1	85.5	5.0	9.4
100 to 199 pounds	28	100.0	.6	93.0	3.6	2.8
200 to 499 pounds	79	100.0	.4	94.6	3.7	1.3
500 to 999 pounds	75	100.0	.6	92.5	4.9	2.0
1,000 to 9,999 pounds	386	100.0	1.8	84.6	12.3	1.3
1,000 to 1,999 pounds	94	100.0	1.4	90.7	5.3	2.6
2,000 to 2,999 pounds	60	100.0	1.1	89.4	7.9	1.6
3,000 to 3,999 pounds	47	100.0	.9	85.3	13.0	.8
4,000 to 4,999 pounds	29	100.0	2.3	73.0	24.7	-
5,000 to 9,999 pounds	156	100.0	2.5	80.8	15.8	.9
10,000 to 29,999 pounds	617	100.0	19.7	57.8	21.5	1.0
10,000 to 19,999 pounds	268	100.0	7.7	53.6	37.4	1.3
20,000 to 29,000 pounds	349	100.0	28.9	61.0	9.3	.8
30,000 to 59,999 pounds	395	100.0	30.6	50.7	18.7	-
30,000 to 39,999 pounds	282	100.0	25.3	51.2	23.5	-
40,000 to 49,999 pounds	64	100.0	45.0	43.3	11.7	-
50,000 to 59,999 pounds	49	100.0	42.9	57.1	-	-
60,000 to 89,999 pounds	43	100.0	64.0	36.0	-	-
60,000 to 69,999 pounds	25	100.0	64.4	35.6	-	-
70,000 to 79,999 pounds	11	100.0	83.0	17.0	-	-
80,000 to 89,999 pounds	7	100.0	30.0	70.0	-	-
90,000 pounds and over	44	100.0	71.0	29.0	-	-
TON-MILES	(millions of ton-miles)					
Total	888	100.0	32.5	54.8	11.0	1.7
Under 1,000 pounds	106	100.0	.9	92.8	2.2	4.1
Under 50 pounds	3	100.0	1.9	54.0	4.2	39.9
50 to 99 pounds	5	100.0	.4	86.5	3.1	10.0
100 to 199 pounds	16	100.0	.7	92.2	3.8	3.3
200 to 499 pounds	44	100.0	.7	95.8	1.5	2.0
500 to 999 pounds	38	100.0	1.0	93.7	2.0	3.3
1,000 to 9,999 pounds	188	100.0	3.5	85.0	8.8	2.7
1,000 to 1,999 pounds	49	100.0	2.8	87.3	3.6	6.3
2,000 to 2,999 pounds	30	100.0	2.2	87.4	5.8	4.6
3,000 to 3,999 pounds	22	100.0	1.5	90.3	7.5	.7
4,000 to 4,999 pounds	15	100.0	9.0	66.1	24.9	-
5,000 to 9,999 pounds	72	100.0	4.1	84.7	10.7	.5
10,000 to 29,999 pounds	303	100.0	34.2	47.2	16.8	1.8
10,000 to 19,999 pounds	102	100.0	14.5	56.5	28.2	.8
20,000 to 29,999 pounds	201	100.0	44.1	42.6	11.1	2.2
30,000 to 59,999 pounds	217	100.0	50.3	36.8	12.9	-
30,000 to 39,999 pounds	133	100.0	38.5	43.3	18.2	-
40,000 to 49,999 pounds	41	100.0	68.7	22.1	9.2	-
50,000 to 59,999 pounds	43	100.0	69.2	30.8	-	-
60,000 to 89,999 pounds	45	100.0	96.9	3.1	-	-
60,000 to 69,999 pounds	29	100.0	97.3	2.7	-	-
70,000 to 79,999 pounds	14	100.0	99.6	.4	-	-
80,000 to 89,999 pounds	2	100.0	68.6	31.4	-	-
90,000 pounds and over	29	100.0	88.0	12.0	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 162--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,682	100.0	18.4	64.8	15.6	1.2
Under 200 miles	478	100.0	2.6	68.7	27.5	1.2
Under 1,000 pounds	55	100.0	.2	87.3	8.6	3.9
1,000 to 9,999 pounds	125	100.0	.3	82.4	16.8	.5
10,000 to 29,999 pounds	194	100.0	2.1	59.7	36.5	1.7
30,000 to 59,999 pounds	83	100.0	9.3	48.5	42.2	-
60,000 to 89,999 pounds	14	100.0	-	100.0	-	-
90,000 pounds and over	7	100.0	-	100.0	-	-
200 to 399 miles	403	100.0	7.7	77.7	14.0	.6
Under 1,000 pounds	45	100.0	.3	93.1	4.5	2.1
1,000 to 9,999 pounds	97	100.0	.9	84.4	13.0	1.7
10,000 to 29,999 pounds	144	100.0	12.2	72.9	14.9	-
30,000 to 59,999 pounds	109	100.0	9.8	71.5	18.7	-
60,000 to 89,999 pounds	2	100.0	92.1	7.9	-	-
90,000 pounds and over	6	100.0	6.2	93.8	-	-
400 to 599 miles	259	100.0	20.9	71.6	7.1	.4
Under 1,000 pounds	31	100.0	.3	96.1	1.0	2.6
1,000 to 9,999 pounds	59	100.0	2.5	89.8	7.1	.6
10,000 to 29,999 pounds	91	100.0	28.4	58.1	13.5	-
30,000 to 59,999 pounds	60	100.0	16.4	81.1	2.5	-
60,000 to 89,999 pounds	3	100.0	75.8	24.2	-	-
90,000 pounds and over	15	100.0	96.6	3.4	-	-
600 to 999 miles	333	100.0	32.0	55.6	11.9	.5
Under 1,000 pounds	40	100.0	1.3	93.9	1.5	3.3
1,000 to 9,999 pounds	62	100.0	3.7	82.9	12.9	.5
10,000 to 29,999 pounds	127	100.0	33.9	50.7	15.4	-
30,000 to 59,999 pounds	100	100.0	56.7	32.0	11.3	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	3	100.0	94.1	5.9	-	-
1,000 miles and over	209	100.0	50.1	38.8	7.9	3.2
Under 1,000 pounds	26	100.0	.7	91.2	2.4	5.7
1,000 to 9,999 pounds	44	100.0	4.5	86.2	4.1	5.2
10,000 to 29,999 pounds	60	100.0	51.4	29.3	14.1	5.2
30,000 to 59,999 pounds	44	100.0	83.0	4.1	12.9	-
60,000 to 89,999 pounds	22	100.0	100.0	-	-	-
90,000 pounds and over	13	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	888	100.0	32.5	54.8	11.0	1.7
Under 200 miles	52	100.0	3.3	70.1	25.6	1.0
Under 1,000 pounds	5	100.0	.2	91.1	5.2	3.5
1,000 to 9,999 pounds	13	100.0	.5	87.9	11.0	.6
10,000 to 29,999 pounds	22	100.0	2.8	62.6	33.3	1.3
30,000 to 59,999 pounds	10	100.0	9.8	46.9	43.3	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	1	100.0	-	100.0	-	-
200 to 399 miles	121	100.0	8.2	77.9	13.3	.6
Under 1,000 pounds	13	100.0	.3	93.0	4.6	2.1
1,000 to 9,999 pounds	29	100.0	1.2	84.2	13.0	1.6
10,000 to 29,999 pounds	44	100.0	12.2	73.5	14.3	-
30,000 to 59,999 pounds	32	100.0	10.8	72.1	17.1	-
60,000 to 89,999 pounds	1	100.0	92.4	7.6	-	-
90,000 pounds and over	2	100.0	5.8	94.2	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 162--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Plumbing Fixtures and Heating Apparatus, Except Electric

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	129	100.0	21.3	70.9	7.4	0.4
Under 1,000 pounds	15	100.0	.4	96.1	.9	2.6
1,000 to 9,999 pounds	30	100.0	2.4	90.0	7.0	.6
10,000 to 29,999 pounds	46	100.0	27.7	57.6	14.7	-
30,000 to 59,999 pounds	29	100.0	16.9	80.8	2.3	-
60,000 to 89,999 pounds	1	100.0	79.4	20.6	-	-
90,000 pounds and over	8	100.0	97.0	3.0	-	-
600 to 999 miles	257	100.0	32.7	53.8	13.0	.5
Under 1,000 pounds	31	100.0	1.3	94.0	1.5	3.2
1,000 to 9,999 pounds	46	100.0	4.0	81.9	13.5	.6
10,000 to 29,999 pounds	99	100.0	35.6	48.0	16.4	-
30,000 to 59,999 pounds	78	100.0	56.0	30.8	13.2	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	94.3	5.7	-	-
1,000 miles and over	329	100.0	50.4	38.3	7.8	3.5
Under 1,000 pounds	42	100.0	.9	91.1	2.0	6.0
1,000 to 9,999 pounds	71	100.0	5.1	84.8	4.4	5.7
10,000 to 29,999 pounds	93	100.0	53.7	25.2	15.7	5.4
30,000 to 59,999 pounds	67	100.0	83.7	5.9	10.4	-
60,000 to 89,999 pounds	41	100.0	100.0	-	-	-
90,000 pounds and over	15	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 162--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,686	100.0	18.3	64.8	15.8	0.4	-	0.4	0.3
New England	57	100.0	1.7	97.5	.5	.3	-	-	-
Middle Atlantic	327	100.0	13.6	82.7	3.1	.1	0.1	.4	-
East North Central	815	100.0	15.3	58.4	25.1	.7	-	.3	.2
West North Central	99	100.0	42.9	55.8	.5	.1	-	.6	.1
South Atlantic	79	100.0	.1	82.9	15.9	-	-	1.1	-
East South Central	192	100.0	44.2	47.8	8.0	-	-	-	-
West South Central	29	100.0	27.1	50.6	22.1	-	-	.2	-
Mountain	-	-	-	-	-	-	-	-	-
Pacific[1]	88	100.0	4.0	72.9	18.1	-	.1	1.0	3.9
TON-MILES	(millions of ton-miles)								
U.S. total	892	100.0	32.4	54.4	11.5	.4	.3	.3	.7
New England	29	100.0	7.3	92.2	.1	.4	-	-	-
Middle Atlantic	174	100.0	32.1	64.2	3.0	.1	.3	.3	-
East North Central	403	100.0	33.6	49.8	15.2	.7	.3	.3	.1
West North Central	65	100.0	46.7	52.0	.4	.2	-	.6	.1
South Atlantic	29	100.0	.1	83.8	14.1	-	.1	1.8	.1
East South Central	113	100.0	51.8	39.9	7.9	-	.4	-	-
West South Central	16	100.0	28.6	44.7	26.4	.1	-	.2	-
Mountain	-	-	-	-	-	-	-	-	-
Pacific[1]	63	100.0	2.4	58.5	29.1	-	.2	1.0	8.8

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 162--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,686	1,686	131	271	469	156	210	111	155	48	135
Ton-miles.....millions..	892	892	62	95	139	80	122	44	124	59	167
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,686	100.0	7.8	16.1	27.8	9.3	12.4	6.6	9.2	2.8	8.0
Shipments from--											
New England.....	57	100.0	36.4	13.5	18.4	11.0	13.9	1.2	.6	2.3	2.7
Middle Atlantic.....	327	100.0	12.9	32.9	20.4	6.2	11.4	2.3	3.5	3.6	6.8
East North Central.....	815	100.0	5.8	10.8	35.6	13.2	10.9	11.1	6.1	1.1	5.4
West North Central.....	99	100.0	2.6	5.5	21.1	8.0	12.8	4.6	33.9	3.0	8.5
South Atlantic.....	79	100.0	9.6	48.8	21.5	2.1	13.0	2.1	.5	1.6	.8
East South Central.....	192	100.0	4.8	12.4	25.3	5.1	24.5	2.5	17.3	6.5	1.6
West South Central.....	29	100.0	-	.2	18.3	3.5	7.5	4.8	55.0	3.9	6.8
Mountain.....	-	-	-	-	-	-	-	-	-	-	-
Pacific[2].....	88	100.0	1.0	.3	12.4	1.9	3.6	.2	12.4	8.5	59.7
TON-MILES	(millions)										
U.S. total.....	892	100.0	7.0	10.7	15.6	9.0	13.6	4.9	14.0	6.6	18.6
Shipments from--											
New England.....	29	100.0	5.8	4.2	24.2	24.4	12.7	2.6	1.7	8.6	15.8
Middle Atlantic.....	174	100.0	6.4	11.1	15.1	9.9	8.5	2.5	7.7	11.1	27.7
East North Central.....	403	100.0	8.0	11.3	11.3	10.9	14.7	8.4	12.2	3.1	20.1
West North Central.....	65	100.0	5.1	8.8	14.1	3.6	18.1	4.0	26.2	3.4	16.7
South Atlantic.....	29	100.0	11.4	28.7	29.7	5.2	10.3	2.4	1.4	6.0	4.9
East South Central.....	113	100.0	7.3	12.7	15.8	5.2	17.9	.7	21.2	13.7	5.5
West South Central.....	16	100.0	.1	.3	24.0	3.6	13.1	3.5	33.1	6.1	16.2
Mountain.....	-	-	-	-	-	-	-	-	-	-	-
Pacific[2].....	63	100.0	3.6	1.1	32.4	3.2	10.8	.4	23.5	6.9	18.1

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 162--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,686	100.0	18.3	64.8	15.8	0.4	-	0.4	0.3
Middle Atlantic, total	327	100.0	13.6	82.7	3.1	.1	0.1	.4	-
Shipments to--									
New England	42	100.0	-	99.2	-	-	-	.8	-
Middle Atlantic	108	100.0	6.8	88.7	4.0	-	-	.5	-
East North Central	67	100.0	4.8	92.0	3.0	-	-	.2	-
South Atlantic	37	100.0	1.1	96.9	.9	.3	-	.8	-
East North Central, total	815	100.0	15.3	58.4	25.1	.7	-	.3	.2
Shipments to--									
Middle Atlantic	88	100.0	12.6	76.1	10.8	.1	-	.4	-
East North Central	289	100.0	2.1	62.1	33.7	1.2	-	.4	.5
West North Central	108	100.0	7.7	71.5	20.6	-	-	.2	-
South Atlantic	89	100.0	23.4	55.2	19.2	1.9	-	.3	-
East South Central	91	100.0	6.8	38.6	54.4	.1	-	.1	-
Pacific, total	88	100.0	4.0	72.9	18.1	-	.1	1.0	3.9
Shipments to--									
Pacific	53	100.0	6.0	84.0	8.8	-	.1	.9	.2
TON-MILES	(millions of ton-miles)								
U.S. total	892	100.0	32.4	54.4	11.5	.4	.3	.3	.7
Middle Atlantic, total	174	100.0	32.1	64.2	3.0	.1	.3	.3	-
Shipments to--									
New England	11	100.0	-	99.5	-	-	-	.5	-
Middle Atlantic	19	100.0	9.3	86.5	4.0	-	-	.2	-
East North Central	26	100.0	4.5	92.1	3.0	-	-	.4	-
South Atlantic	15	100.0	1.6	95.4	1.8	.5	-	.7	-
East North Central, total	403	100.0	33.6	49.8	15.2	.7	.3	.3	.1
Shipments to--									
Middle Atlantic	45	100.0	16.5	72.2	10.8	.1	-	.4	-
East North Central	46	100.0	1.8	74.7	21.6	.6	-	.5	.8
West North Central	44	100.0	11.9	72.9	15.0	-	-	.2	-
South Atlantic	59	100.0	27.5	45.7	23.2	3.4	-	.2	-
East South Central	34	100.0	9.2	41.1	49.6	-	-	.1	-
Pacific, total	63	100.0	2.4	58.5	29.1	-	.2	1.0	8.8
Shipments to--									
Pacific	11	100.0	9.5	86.3	2.3	-	1.2	.6	.1

Note: Only those divisions with sizable distributions are shown.

TABLE 7. SHIPPER CLASS 162--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,686	131	1,012	543	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	892	49	521	322
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	18.3	.3	13.4	31.8	32.4	.9	24.9	49.2
Motor carrier.....	64.8	95.0	63.9	59.1	54.4	88.5	58.7	42.7
Private truck.....	15.8	3.4	21.1	8.8	11.5	9.1	14.0	7.8
Air.....	.4	.1	.6	.1	.4	.2	.5	.1
Water.....	-	-	.1	-	.3	.3	.4	-
Other.....	.4	1.2	.4	.2	.3	.9	.4	.2
Unknown.....	.3	-	.5	-	.7	.1	1.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	12.2	21.3	13.9	7.0	1.2	2.4	1.4	.8
100 to 199 miles.....	16.2	22.3	17.3	12.6	4.6	9.3	4.9	3.4
200 to 299 miles.....	11.3	15.2	9.6	13.5	5.5	10.2	4.6	6.2
300 to 399 miles.....	12.6	9.0	11.3	15.9	8.2	8.3	7.5	9.3
400 to 499 miles.....	7.8	12.9	7.6	7.0	6.6	15.3	6.6	5.2
500 to 999 miles.....	27.3	10.5	27.7	30.5	36.6	21.8	37.1	38.1
1,000 miles and over.....	12.6	8.8	12.6	13.5	37.3	32.7	37.9	37.0

Table 8. SHIPPER CLASS 162--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Plumbing Fixtures and Heating Apparatus, Except Electric

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	43.6	23.5	67.7	86.8
Highway facilities	88.3	93.6	81.8	77.6
Rail and highway facilities	36.4	23.5	51.2	68.8
Air facilities	86.5	89.3	82.3	86.4
Rail, highway, and air facilities	28.2	12.8	47.8	55.2
Water facilities	20.2	25.5	9.0	40.0
Rail, highway, air, and water facilities	7.3	6.4	5.4	28.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 163--Percent Distribution of Distance, by Means of Transport: 1967

Fabricated Structural Metal Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	13,057	100.0	23.9	38.9	34.4	-	2.1	0.6	0.1
Under 50 miles	2,234	100.0	4.3	40.9	54.2	-	-	.4	.2
50 to 99 miles	2,004	100.0	11.6	33.3	53.5	-	1.4	.1	.1
100 to 199 miles	2,924	100.0	17.7	33.1	47.2	-	.1	1.8	.1
200 to 299 miles	1,475	100.0	30.4	41.4	20.3	-	7.8	-	.1
300 to 399 miles	1,352	100.0	31.5	47.6	16.0	-	4.8	.1	-
400 to 499 miles	606	100.0	28.8	49.6	11.6	-	10.0	-	-
500 to 599 miles	696	100.0	46.2	33.4	20.4	-	-	-	-
600 to 799 miles	643	100.0	46.7	42.9	10.0	0.1	-	.3	-
800 to 999 miles	437	100.0	48.7	47.2	3.6	.3	.1	.1	-
1,000 to 1,199 miles	226	100.0	53.5	36.5	3.3	.3	-	6.4	-
1,200 to 1,499 miles	172	100.0	63.0	34.3	2.5	.2	-	-	-
1,500 to 1,999 miles	181	100.0	59.7	38.0	1.2	.1	-	.1	.9
2,000 miles and over	107	100.0	54.2	40.1	.7	.5	4.1	.4	-
TON-MILES	(millions of ton-miles)								
Total	3,957	100.0	40.1	40.7	16.0	.1	2.4	.6	.1
Under 50 miles	59	100.0	4.3	37.5	57.2	-	-	.7	.3
50 to 99 miles	147	100.0	11.9	32.5	54.0	-	1.4	.1	.1
100 to 199 miles	406	100.0	17.4	34.8	46.2	-	.1	1.4	.1
200 to 299 miles	359	100.0	30.6	42.0	19.8	-	7.5	-	.1
300 to 399 miles	477	100.0	31.9	46.8	16.1	-	5.1	.1	-
400 to 499 miles	269	100.0	28.8	49.6	11.4	-	10.2	-	-
500 to 599 miles	377	100.0	45.8	34.6	19.6	-	-	-	-
600 to 799 miles	447	100.0	46.4	42.9	10.3	.1	-	.3	-
800 to 999 miles	394	100.0	48.3	47.6	3.6	.3	.1	.1	-
1,000 to 1,199 miles	248	100.0	54.2	36.3	3.3	.3	-	5.9	-
1,200 to 1,499 miles	228	100.0	63.5	33.8	2.5	.2	-	-	-
1,500 to 1,999 miles	306	100.0	59.5	38.3	1.2	.1	-	.1	.8
2,000 miles and over	240	100.0	52.7	40.2	.7	.7	5.4	.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 163--Percent Distribution of Weight, by Means of Transport: 1967

Fabricated Structural Metal Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	11,788	100.0	23.9	37.3	36.2	2.6
Under 1,000 pounds	449	100.0	1.2	60.4	36.3	2.1
Under 50 pounds	16	100.0	1.3	47.4	42.4	8.9
50 to 99 pounds	19	100.0	.9	62.5	32.9	3.7
100 to 199 pounds	51	100.0	.8	62.8	34.9	1.5
200 to 499 pounds	160	100.0	1.0	59.9	37.4	1.7
500 to 999 pounds	203	100.0	1.4	61.1	35.7	1.8
1,000 to 9,999 pounds	1,510	100.0	1.7	53.4	43.8	1.1
1,000 to 1,999 pounds	272	100.0	1.0	55.1	43.3	.6
2,000 to 2,999 pounds	267	100.0	1.2	37.6	60.4	.8
3,000 to 3,999 pounds	198	100.0	.2	47.4	51.6	.8
4,000 to 4,999 pounds	148	100.0	.2	50.6	47.2	2.0
5,000 to 9,999 pounds	625	100.0	3.1	62.1	33.5	1.3
10,000 to 29,999 pounds	2,347	100.0	6.6	51.8	40.8	.8
10,000 to 19,999 pounds	1,253	100.0	6.9	48.0	43.7	1.4
20,000 to 29,999 pounds	1,094	100.0	6.2	56.0	37.6	.2
30,000 to 59,999 pounds	4,493	100.0	15.1	36.8	47.8	.3
30,000 to 39,999 pounds	2,565	100.0	9.2	30.3	60.4	.1
40,000 to 49,999 pounds	1,564	100.0	14.4	49.3	36.0	.3
50,000 to 59,999 pounds	364	100.0	60.0	28.6	9.1	2.3
60,000 to 89,999 pounds	1,070	100.0	70.4	20.6	6.6	2.4
60,000 to 69,999 pounds	456	100.0	72.4	22.2	4.4	1.0
70,000 to 79,999 pounds	275	100.0	77.8	13.7	6.6	1.9
80,000 to 89,999 pounds	339	100.0	62.0	23.9	9.4	4.7
90,000 pounds and over	1,919	100.0	62.3	11.7	13.9	12.1
TON-MILES	(millions of ton-miles)					
Total	3,691	100.0	39.5	40.6	16.6	3.3
Under 1,000 pounds	176	100.0	3.4	75.4	16.7	4.5
Under 50 pounds	5	100.0	4.3	68.4	9.4	17.9
50 to 99 pounds	8	100.0	1.7	76.4	12.7	9.2
100 to 199 pounds	22	100.0	1.3	81.7	13.0	4.0
200 to 499 pounds	57	100.0	3.0	73.2	19.6	4.2
500 to 999 pounds	84	100.0	4.4	75.4	16.6	3.6
1,000 to 9,999 pounds	487	100.0	4.4	72.5	21.0	2.1
1,000 to 1,999 pounds	89	100.0	1.1	79.8	18.5	.6
2,000 to 2,999 pounds	86	100.0	2.9	61.9	34.3	.9
3,000 to 3,999 pounds	54	100.0	.2	73.6	22.0	4.2
4,000 to 4,999 pounds	44	100.0	.8	73.5	23.5	2.2
5,000 to 9,999 pounds	214	100.0	8.2	73.3	15.8	2.7
10,000 to 29,999 pounds	706	100.0	17.7	62.3	17.8	2.2
10,000 to 19,999 pounds	414	100.0	19.2	60.7	16.6	3.5
20,000 to 29,999 pounds	292	100.0	15.5	64.8	19.4	.3
30,000 to 59,999 pounds	1,156	100.0	36.1	36.1	26.9	.9
30,000 to 39,999 pounds	569	100.0	25.4	34.5	39.6	.5
40,000 to 49,999 pounds	431	100.0	36.2	43.9	18.6	1.3
50,000 to 59,999 pounds	156	100.0	74.3	21.2	3.6	.9
60,000 to 89,999 pounds	594	100.0	77.8	18.9	2.3	1.0
60,000 to 69,999 pounds	314	100.0	74.1	23.4	2.2	.3
70,000 to 79,999 pounds	140	100.0	88.2	9.0	2.0	.8
80,000 to 89,999 pounds	140	100.0	75.4	18.9	2.9	2.8
90,000 pounds and over	572	100.0	74.6	7.5	5.5	12.4

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 163--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Fabricated Structural Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	11,788	100.0	23.9	37.3	36.2	2.6
Under 200 miles	6,331	100.0	12.2	32.3	54.7	.8
Under 1,000 pounds	225	100.0	.1	41.5	57.2	1.2
1,000 to 9,999 pounds	846	100.0	.2	36.5	62.0	1.3
10,000 to 29,999 pounds	1,334	100.0	1.3	37.4	61.1	.2
30,000 to 59,999 pounds	2,734	100.0	3.8	32.6	63.5	.1
60,000 to 89,999 pounds	261	100.0	49.7	32.8	16.1	1.4
90,000 pounds and over	931	100.0	55.9	18.1	23.2	2.8
200 to 399 miles	2,620	100.0	29.7	44.2	19.2	6.9
Under 1,000 pounds	76	100.0	.5	82.9	15.4	1.2
1,000 to 9,999 pounds	247	100.0	1.8	71.9	25.9	.4
10,000 to 29,999 pounds	523	100.0	6.8	73.0	19.8	.4
30,000 to 59,999 pounds	916	100.0	20.1	50.6	28.2	1.1
60,000 to 89,999 pounds	303	100.0	74.3	13.0	5.4	7.3
90,000 pounds and over	555	100.0	59.2	5.8	8.9	26.1
400 to 599 miles	1,149	100.0	35.8	41.2	17.7	5.3
Under 1,000 pounds	39	100.0	4.1	82.9	11.9	1.1
1,000 to 9,999 pounds	158	100.0	2.3	76.2	21.5	-
10,000 to 29,999 pounds	160	100.0	13.9	70.4	15.7	-
30,000 to 59,999 pounds	431	100.0	30.7	39.9	29.4	-
60,000 to 89,999 pounds	145	100.0	80.6	11.2	8.2	-
90,000 pounds and over	216	100.0	62.6	8.5	.8	28.1
600 to 999 miles	1,025	100.0	45.6	46.2	7.8	.4
Under 1,000 pounds	69	100.0	.2	78.9	17.4	3.5
1,000 to 9,999 pounds	159	100.0	3.9	75.9	18.9	1.3
10,000 to 29,999 pounds	191	100.0	16.5	76.7	6.8	-
30,000 to 59,999 pounds	262	100.0	56.8	33.7	9.5	-
60,000 to 89,999 pounds	197	100.0	68.7	31.3	-	-
90,000 pounds and over	147	100.0	98.9	1.1	-	-
1,000 miles and over	663	100.0	57.8	36.5	2.2	3.5
Under 1,000 pounds	40	100.0	7.4	70.1	14.9	7.6
1,000 to 9,999 pounds	100	100.0	10.0	79.7	6.9	3.4
10,000 to 29,999 pounds	140	100.0	34.6	54.0	1.3	10.1
30,000 to 59,999 pounds	150	100.0	73.6	24.9	-	1.5
60,000 to 89,999 pounds	163	100.0	89.7	10.3	-	-
90,000 pounds and over	70	100.0	94.0	6.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	3,691	100.0	39.5	40.6	16.6	3.3
Under 200 miles	554	100.0	14.8	32.5	52.1	.6
Under 1,000 pounds	16	100.0	.1	56.2	42.5	1.2
1,000 to 9,999 pounds	65	100.0	.2	42.0	56.4	1.4
10,000 to 29,999 pounds	116	100.0	1.5	36.7	61.5	.3
30,000 to 59,999 pounds	236	100.0	3.8	31.8	64.3	.1
60,000 to 89,999 pounds	26	100.0	51.9	33.4	13.5	1.2
90,000 pounds and over	95	100.0	60.9	18.2	19.0	1.9
200 to 399 miles	775	100.0	30.2	44.6	18.6	6.6
Under 1,000 pounds	22	100.0	.6	84.4	13.7	1.3
1,000 to 9,999 pounds	71	100.0	2.0	72.7	24.8	.5
10,000 to 29,999 pounds	156	100.0	7.7	72.4	19.4	.5
30,000 to 59,999 pounds	276	100.0	20.4	51.0	27.6	1.0
60,000 to 89,999 pounds	89	100.0	74.7	13.1	5.7	6.5
90,000 pounds and over	161	100.0	60.9	5.4	7.8	25.9

See footnote at end of table.

TABLE 3. SHIPPER CLASS 163--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Fabricated Structural Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	573	100.0	36.2	41.4	17.6	4.8
Under 1,000 pounds	19	100.0	3.5	82.4	13.0	1.1
1,000 to 9,999 pounds	75	100.0	2.1	77.3	20.6	-
10,000 to 29,999 pounds	78	100.0	14.7	69.8	15.5	-
30,000 to 59,999 pounds	220	100.0	29.7	40.9	29.4	-
60,000 to 89,999 pounds	73	100.0	81.6	11.4	7.0	-
90,000 pounds and over	108	100.0	64.1	9.4	.8	25.7
600 to 999 miles	799	100.0	45.4	46.6	7.6	.4
Under 1,000 pounds	53	100.0	.2	79.1	17.0	3.7
1,000 to 9,999 pounds	124	100.0	3.0	77.5	18.2	1.3
10,000 to 29,999 pounds	145	100.0	17.4	75.5	7.1	-
30,000 to 59,999 pounds	195	100.0	57.3	33.1	9.6	-
60,000 to 89,999 pounds	167	100.0	64.7	35.3	-	-
90,000 pounds and over	115	100.0	98.7	1.3	-	-
1,000 miles and over	990	100.0	57.7	36.9	1.9	3.5
Under 1,000 pounds	64	100.0	7.9	71.9	12.0	8.2
1,000 to 9,999 pounds	152	100.0	9.6	79.0	6.3	5.1
10,000 to 29,999 pounds	212	100.0	35.1	57.3	.9	6.7
30,000 to 59,999 pounds	230	100.0	75.9	21.0	-	3.1
60,000 to 89,999 pounds	238	100.0	89.6	10.4	-	-
90,000 pounds and over	94	100.0	94.4	5.6	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 163--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Fabricated Structural Metal Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	13,057	100.0	23.9	38.9	34.4	-	2.1	0.6	0.1
New England	259	100.0	9.0	46.1	44.2	-	.7	-	-
Middle Atlantic	1,945	100.0	30.3	53.9	14.8	-	.9	-	.1
East North Central	3,921	100.0	17.5	45.0	35.5	-	-	2.0	-
West North Central	845	100.0	39.4	48.5	11.9	0.2	-	-	-
South Atlantic	2,708	100.0	19.4	12.8	67.7	-	-	.1	-
East South Central	1,011	100.0	45.3	20.1	23.6	-	11.0	-	-
West South Central	1,086	100.0	30.9	37.6	18.4	-	13.0	.1	-
Mountain[1]	155	-	-	-	-	-	-	-	-
Pacific[2]	1,127	100.0	11.5	66.2	20.9	-	.3	.1	1.0
	(millions of ton-miles)								
TON-MILES									
U.S. total	3,957	100.0	40.1	40.7	16.0	.1	2.4	.6	.1
New England	78	100.0	41.0	50.7	7.8	.1	.4	-	-
Middle Atlantic	525	100.0	59.3	34.4	5.4	.1	.8	-	-
East North Central	1,307	100.0	30.8	52.9	14.5	.1	-	1.7	-
West North Central	426	100.0	44.1	49.7	5.9	.3	-	-	-
South Atlantic	482	100.0	28.1	18.7	53.1	-	-	.1	-
East South Central	331	100.0	67.0	14.0	9.2	-	9.8	-	-
West South Central	448	100.0	45.1	36.1	7.7	-	10.9	.2	-
Mountain[1]	75	-	-	-	-	-	-	-	-
Pacific[2]	285	100.0	24.4	59.4	11.6	.3	3.1	-	1.2

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 163--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Fabricated Structural Metal Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	13,057	13,057	584	2,263	2,769	695	2,824	925	1,383	339	1,275
Ton-miles.....millions..	3,957	3,957	206	518	514	259	705	320	548	280	607
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	13,057	100.0	4.5	17.3	21.2	5.3	21.6	7.1	10.6	2.6	9.8
Shipments from--											
New England.....	259	100.0	63.0	15.5	9.9	1.1	1.4	3.1	3.7	.3	2.0
Middle Atlantic.....	1,945	100.0	11.0	53.4	11.7	1.7	12.2	3.0	3.8	1.4	1.8
East North Central.....	3,921	100.0	3.3	12.6	55.3	6.8	10.6	4.4	2.9	1.8	2.3
West North Central.....	845	100.0	1.3	9.1	23.0	34.4	10.0	6.5	7.2	5.6	2.9
South Atlantic.....	2,708	100.0	1.8	20.8	1.7	.3	70.0	3.7	1.6	-	.1
East South Central.....	1,011	100.0	-	1.5	6.1	2.7	13.4	33.4	39.1	1.7	2.1
West South Central.....	1,086	100.0	1.4	2.7	3.2	3.7	3.9	17.7	62.1	2.6	2.7
Mountain[2].....	155	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	1,127	100.0	.2	.3	.7	.3	.5	-	.7	7.2	90.1
TON-MILES	(millions)										
U.S. total.....	3,957	100.0	5.2	13.1	13.0	6.6	17.7	8.1	13.9	7.1	15.3
Shipments from--											
New England.....	78	100.0	12.3	8.6	23.8	4.4	3.6	8.7	20.0	2.0	16.6
Middle Atlantic.....	525	100.0	7.7	17.4	12.5	5.1	12.2	6.6	15.2	8.2	15.1
East North Central.....	1,307	100.0	7.1	13.4	20.2	8.5	15.6	6.3	8.3	7.7	12.9
West North Central.....	426	100.0	3.0	16.3	19.4	12.3	18.2	6.4	7.8	8.2	8.4
South Atlantic.....	482	100.0	3.7	23.7	2.9	1.3	54.7	4.5	8.1	-	1.1
East South Central.....	331	100.0	.1	3.3	9.0	5.5	11.6	17.1	31.5	8.1	13.8
West South Central.....	448	100.0	5.2	7.7	5.5	4.8	8.6	19.8	34.0	4.5	9.9
Mountain[2].....	75	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	285	100.0	2.3	3.1	4.7	1.6	4.3	.1	3.9	15.0	65.0

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 163--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Fabricated Structural Metal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	13,057	100.0	23.9	38.9	34.4	-	2.1	0.6	0.1
Middle Atlantic, total	1,945	100.0	30.3	53.9	14.8	-	.9	-	.1
Shipments to--									
New England	215	100.0	19.1	74.9	6.0	-	-	-	-
Middle Atlantic	1,038	100.0	15.9	61.7	22.3	-	-	-	.1
East North Central	228	100.0	46.2	38.0	8.0	-	7.8	-	-
South Atlantic	238	100.0	44.6	45.4	10.0	-	-	-	-
East North Central, total	3,921	100.0	17.5	45.0	35.5	-	-	2.0	-
Shipments to--									
Middle Atlantic	494	100.0	20.1	51.4	28.1	-	-	.1	.3
East North Central	2,169	100.0	8.5	35.9	54.9	-	-	.7	-
West North Central	268	100.0	44.5	47.0	8.4	-	-	.1	-
South Atlantic	416	100.0	12.6	69.1	3.7	0.1	-	14.5	-
South Atlantic, total	2,708	100.0	19.4	12.8	67.7	-	-	.1	-
Shipments to--									
Middle Atlantic	563	100.0	2.8	22.7	74.4	-	-	.1	-
South Atlantic	1,896	100.0	24.8	7.4	67.7	-	-	.1	-
East South Central	100	100.0	.2	18.8	80.9	-	-	.1	-
West South Central, total	1,086	100.0	30.9	37.6	18.4	-	13.0	.1	-
Shipments to--									
West South Central	675	100.0	15.6	44.4	28.3	-	11.7	-	-
Pacific, total	1,127	100.0	11.5	66.2	20.9	-	.3	.1	1.0
Shipments to--									
Pacific	1,015	100.0	10.7	67.0	21.2	-	.3	-	.8
TON-MILES	(millions of ton-miles)								
U.S. total	3,957	100.0	40.1	40.7	16.0	.1	2.4	.6	.1
Middle Atlantic, total	525	100.0	59.3	34.4	5.4	.1	.8	-	-
Shipments to--									
New England	40	100.0	37.1	56.0	6.9	-	-	-	-
Middle Atlantic	91	100.0	31.4	52.7	15.8	-	-	-	.1
East North Central	66	100.0	41.5	43.2	8.6	-	6.7	-	-
South Atlantic	64	100.0	59.8	33.9	6.2	.1	-	-	-
East North Central, total	1,307	100.0	30.8	52.9	14.5	.1	-	1.7	-
Shipments to--									
Middle Atlantic	176	100.0	16.8	45.1	37.8	-	-	.1	.2
East North Central	264	100.0	13.4	49.4	36.7	-	-	.5	-
West North Central	111	100.0	50.3	43.7	5.9	-	-	.1	-
South Atlantic	204	100.0	14.4	72.0	3.7	.2	-	9.7	-
South Atlantic, total	482	100.0	28.1	18.7	53.1	-	-	.1	-
Shipments to--									
Middle Atlantic	114	100.0	3.2	27.4	68.9	-	-	.5	-
South Atlantic	263	100.0	37.7	11.3	51.0	-	-	-	-
East South Central	22	100.0	.4	19.9	79.6	-	-	.1	-
West South Central, total	448	100.0	45.1	36.1	7.7	-	10.9	.2	-
Shipments to--									
West South Central	151	100.0	20.3	49.6	19.2	-	10.9	-	-
Pacific, total	285	100.0	24.4	59.4	11.6	.3	3.1	-	1.2
Shipments to--									
Pacific	185	100.0	29.1	53.2	12.5	.1	4.7	-	.4

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 163--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Fabricated Structural Metal Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	13,057	2,931	7,223	2,903	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	3,957	508	2,383	1,066
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	23.9	.4	21.6	53.6	40.1	1.1	36.3	67.3
Motor carrier.....	38.9	26.9	48.2	27.8	40.7	48.5	48.6	19.4
Private truck.....	34.4	70.8	28.6	11.9	16.0	49.0	12.5	8.0
Air.....	-	-	-	-	.1	.1	.2	-
Water.....	2.1	-	1.1	6.6	2.4	.1	1.6	5.2
Other.....	.6	1.8	.3	.1	.6	1.1	.7	.1
Unknown.....	.1	.1	.2	-	.1	.1	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	32.4	48.0	30.5	21.5	5.2	12.6	4.6	2.9
100 to 199 miles.....	22.4	27.1	24.4	12.8	10.3	20.0	10.5	5.1
200 to 299 miles.....	11.3	5.3	10.3	19.9	9.1	7.5	7.6	13.1
300 to 399 miles.....	10.4	6.4	10.6	13.6	12.1	13.1	11.4	13.1
400 to 499 miles.....	4.6	3.1	3.7	8.6	6.8	7.8	5.0	10.4
500 to 999 miles.....	13.6	9.3	13.4	18.4	30.7	31.8	28.8	34.9
1,000 miles and over.....	5.3	.8	7.1	5.2	25.8	7.2	32.1	20.5

Table 8. SHIPPER CLASS 163--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Fabricated Structural Metal Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	55.0	44.7	71.0	83.5
Highway facilities	80.5	77.4	85.3	87.8
Rail and highway facilities	39.1	27.4	57.2	71.3
Air facilities	87.3	85.0	90.9	95.2
Rail, highway, and air facilities	35.6	24.8	52.4	68.0
Water facilities	17.3	15.0	21.1	21.4
Rail, highway, air, and water facilities.	8.6	7.5	9.8	17.1

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.8 percent reported they did not have any of the above transportation facilities available.

Shipper Group 17

Metal Cans and Miscellaneous Fabricated Metal Products

171 Metal cans
172 Bolts, nuts, screws, rivets, and washers
173 Metal stampings and metal plating, polishing, and engraving
174 Miscellaneous fabricated wire products and other miscellaneous fabricated metal products

SAMPLE SIZE

The sample for this shipper group consisted of 670 establishments, of which 542 were in scope and provided data from 64,523 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (128 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 17 and their related SIC industries are as follows:

Shipper Class 171.--Metal cans
- SIC 3411.--Metal cans

Shipper Class 172.--Bolts, nuts, screws, rivets, and washers
- SIC 3451.--Screw machine products
- SIC 3452.--Bolts, nuts, screws, rivets, and washers

Shipper Class 173.--Metal stampings and metal plating, polishing, and engraving
- SIC 3461.--Metal stampings
- SIC 3471.--Electroplating, plating, polishing, anodizing, and coloring
- SIC 3479.--Coating, engraving, and allied services, n.e.c.

Shipper Class 174.--Miscellaneous fabricated wire products and other miscellaneous fabricated metal products
- SIC 3481.--Miscellaneous fabricated wire products
- SIC 3491.--Metal shipping barrels, drums, kegs, and pails
- SIC 3492.--Safes and vaults
- SIC 3493.--Steel springs
- SIC 3494.--Valves and pipe fittings, except plumbers' brass goods
- SIC 3496.--Collapsible tubes
- SIC 3497.--Metal foil and leaf
- SIC 3498.--Fabricated pipe and fabricated pipe fittings
- SIC 3499.--Fabricated metal products, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
171–Metal cans	3411	3411
172–Bolts, nuts, screws, rivets, and washers	3499 (part), 3452	3451,3452
173--Metal stampings and metal plating, polishing, and engraving	3461,3499 (part)	3461,3471,3479
174–Miscellaneous fabricated wire products and other miscellaneous fabricated metal products	3481,3491,3492,3493 3494,3499 (part)	3481,3491,3492,3493, 3494,3496,3497,3498, 3499

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 72 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total	
		Major commodities	Secondary commodities
Group 17	18,408	71.6	28.4
Class 171	5,067	72.3	27.7
Class 172	1,842	90.7	9.3
Class 173	6,320	60.0	40.0
Class 174	5,179	78.1	21.9

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Metal Cans and Miscellaneous Fabricated Metal Products Shipper Group shipped (beyond the local area) about 18,408,000 tons of commodities during 1967. Those shipments generated over 6 billion ton-miles by all means of transport combined, averaging about 334 straight-line miles per ton shipped.

As shown in table A, about one-third of the total tons shipped by this shipper group were by Shipper Class 173, Metal Stampings and Metal Plating, Polishing, and Engraving. Each of Shipper Classes 171 (Metal Cans) and 174 (Miscellaneous Fabricated Wire Products) shipped about 28 percent of the total tons, and Shipper Class 172 (Bolts, Nuts, Screws, Rivets, and Washers) shipped about 10 percent of the tons.

Motor carriers were the major means of transport for the shipper group and for each of the shipper classes. Rail and private truck shares were about equal for the shipper group and for each of the shipper classes. Motor carriers (for-hire carriers) transported over 10 million tons for the shipper group, and rails and private trucks each transported about 4 million tons.

When measured in terms of ton-miles rather than tons, motor carriers were still the dominant means of transport for the shipper group as a whole, and for each of the shipper classes, except Metal Cans, where rails were dominant. Of the 6 billion ton-miles for the shipper group, 10.4 billion were by motor carrier, 3.9 billion were by rail, and 3.8 billion by private truck.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (that is beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 4 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Metal Cans and Miscellaneous Fabricated Metal Products Shipper Group and each shipper class for both years. An increase for the shipper group is indicated in the table, from 12.3 million tons in 1963 to 18.4 million in 1967. Increases occurred in each of the four shipper classes, ranging from about 2.6 million tons in Shipper Class 173 to about 100 thousand tons in Shipper Class 172.

As shown in table C, motor carrier's share of the tonnage for the shipper group is about 56 percent in each of the two years. The rail share decreased by about 6 percent in 1967 with a corresponding increase in the private truck share. Shipper Classes 171, 173, and 174 follow the same pattern. Shipper Class 172 differs in that the rail share decreased by about 20 percent with the equivalent gain going to motor carriers.

In terms of ton-miles, shifts in carrier shares are more pronounced for the two years. The largest increase for motor carriers and the largest decrease for rails in 1967 is in Shipper Class 172.

Table D indicates that the average length of haul for the shipper group shows very little change between the two years. However, changes are indicated for some of the shipper classes. The average length of haul for rail in Shipper Class 172 increased about 200 miles in 1967; in Shipper Class 174, the increase in 1967 was about 160 miles; and in Shipper Class 171, there was a decrease in 1967 of about 200 miles. For Shipper Class 173, there was very little change between the two years.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by road mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 17: Metal cans and miscellaneous fabricated metal products	18,408	3,923	10,363	3,767	355
Shipper Classes:					
171. Metal cans	5,067	1,468	2,248	1,258	93
172. Bolts, nuts, screws, rivets, and washers	1,842	107	1,514	137	84
173. Metal stampings and metal plating, polishing, and engraving	6,320	1,251	3,704	1,230	135
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products	5,179	1,098	2,896	1,141	44
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 17: Metal cans and miscellaneous fabricated metal products	6,148	2,131	3,090	697	230
Shipper Classes:					
171. Metal cans	1,207	609	349	139	110
172. Bolts, nuts, screws, rivets, and washers	616	75	479	22	40
173. Metal stampings and metal plating, polishing, and engraving	2,108	681	1,077	305	45
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products	2,217	766	1,186	232	33

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963
(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 17: Metal cans and miscellaneous fabricated metal products	18,408	12,308	12,787
Shipper Classes:			
171. Metal cans	5,067	3,843	3,843
172. Bolts, nuts, screws, rivets, and washers	1,842	1,693	1,709
173. Metal stampings and metal plating, polishing, and engraving	6,320	3,770	3,922
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products	5,179	3,002	3,313

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 17: Metal cans and miscellaneous fabricated metal products:					
1967	100.0	21.3	56.2	20.5	2.0
1963	100.0	27.1	55.4	15.0	2.5
Shipper Classes					
171. Metal cans:					
1967	100.0	29.0	44.3	24.8	1.9
1963	100.0	40.9	42.0	15.8	1.3
172. Bolts, nuts, screws, rivets, and washers:					
1967	100.0	5.8	82.1	7.5	4.6
1963	100.0	27.8	63.9	4.0	4.3
173. Metal stampings and metal plating, polishing, and engraving:					
1967	100.0	19.8	58.5	19.5	2.2
1963	100.0	24.0	60.5	12.1	3.4
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products:					
1967	100.0	21.2	55.9	22.0	.9
1963	100.0	14.4	60.0	23.2	2.4
TON-MILES					
Shipper Group 17: Metal cans and miscellaneous fabricated metal products:					
1967	100.0	34.7	50.2	11.3	3.8
1963	100.0	41.6	46.9	7.0	4.5
Shipper Classes					
171. Metal cans:					
1967	100.0	50.5	28.9	11.5	9.1
1963	100.0	73.6	18.3	5.4	2.7
172. Bolts, nuts, screws, rivets, and washers:					
1967	100.0	12.2	78.0	3.5	6.3
1963	100.0	40.7	53.4	1.7	4.2
173. Metal stampings and metal plating, polishing, and engraving:					
1967	100.0	32.3	51.0	14.5	2.2
1963	100.0	33.4	56.4	4.1	6.1
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products:					
1967	100.0	34.5	53.6	10.4	1.5
1963	100.0	19.2	61.8	13.9	5.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 17: Metal cans and miscellaneous fabricated metal products:				
1967	334	543	298	185
1963	364	559	308	169
SHIPPER CLASSES				
171. Metal cans:				
1967	238	415	155	110
1963	343	617	149	117
172. Bolts, nuts, screws, rivets, and washers:				
1967	334	701	316	161
1963	338	495	282	147
173. Metal stampings and metal plating, polishing, and engraving:				
1967	334	544	291	248
1963	366	509	341	124
174. Miscellaneous fabricated wire products and other miscellaneous fabricated metal products:				
1967	428	698	410	203
1963	400	533	412	239

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 17: Metal Cans and Miscellaneous Fabricated Metal Products

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	21.1	56.7	20.3	1.9
1963	100.0	27.4	55.9	13.8	2.9
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	13.1	56.3	29.1	1.5
1963	100.0	14.8	59.6	23.4	2.2
200 to 399 miles:					
1967	100.0	21.3	65.0	11.3	2.4
1963	100.0	30.7	61.2	6.5	1.6
400 to 599 miles:					
1967	100.0	31.0	57.6	10.5	.9
1963	100.0	37.9	51.9	8.8	1.4
600 miles and over:					
1967	100.0	40.5	45.8	10.3	3.4
1963	100.0	43.2	44.3	5.7	6.8
WEIGHT					
Under 1,000 pounds:					
1967	100.0	1.5	82.7	9.8	6.0
1963	100.0	2.8	79.6	10.3	7.3
1,000 to 9,999 pounds:					
1967	100.0	3.7	72.2	23.1	1.0
1963	100.0	3.1	74.5	20.1	2.3
10,000 to 29,999 pounds:					
1967	100.0	20.6	51.8	26.7	.9
1963	100.0	22.7	56.8	18.8	1.7
30,000 pounds and over:					
1967	100.0	34.8	48.0	14.3	2.9
1963	100.0	55.8	35.5	5.8	2.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included, Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 17: Metal Cans and Miscellaneous Fabricated Metal Products

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	21.3	56.2	20.5	2.0
1963	100.0	27.1	55.4	15.0	2.5
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	-	35.9	62.2	1.9
20 to 99 employees:					
1967	100.0	6.4	66.0	24.8	2.8
1963	100.0	23.3	57.7	17.4	1.6
100 to 499 employees:					
1967	100.0	19.9	53.3	25.6	1.2
1963	100.0	24.8	62.9	10.2	2.1
500 employees and over:					
1967	100.0	34.6	54.0	8.9	2.5
1963	100.0	34.9	46.9	14.4	3.8

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 17: Metal Cans and Miscellaneous Fabricated Metal Products

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	21.3	56.2	20.5	2.0
1963	100.0	27.1	55.4	15.0	2.5
Middle Atlantic:					
1967	100.0	26.0	59.0	12.9	2.1
1963	100.0	26.0	54.9	16.2	2.9
East North Central:					
1967	100.0	18.8	62.8	16.4	2.0
1963	100.0	24.8	57.8	14.2	3.2
East South Central:					
1967	100.0	30.0	51.4	18.4	.2
1963	100.0	9.0	43.5	47.2	.3
Mountain and Pacific:					
1967	100.0	27.4	44.0	26.6	2.0
1963	100.0	52.8	32.9	12.5	1.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 17: METAL CANS AND MISCELLANEOUS FABRICATED METAL PRODUCTS		
Total shipments	18,408	6.8
Shipments by--		
Rail	3,923	7.0
Motor carrier	10,363	9.0
Private truck	3,767	15.4
All other	355	-
Shipments from--		
New England Division	559	25.0
Middle Atlantic Division	3,412	14.2
East North Central Division	8,589	12.6
West North Central Division	753	26.4
South Atlantic Division	1,100	17.2
East South Central Division	1,385	22.2
West South Central Division	1,015	37.8
Mountain Division	3	89.6
Pacific Division	1,592	17.2
SHIPPER CLASS 171: METAL CANS		
Total shipments	5,067	7.2
Shipments by--		
Rail	1,468	10.2
Motor carrier	2,248	8.2
Private truck	1,258	12.4
All other	93	-
Shipments from--		
Middle Atlantic Division	1,188	20.2
East North Central Division	1,335	12.2
South Atlantic Division	651	14.6
Pacific Division	1,125	18.2
Balance of United States	768	-
SHIPPER CLASS 172: BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS		
Total shipments	1,842	16.2
Shipments by--		
Rail	107	61.6
Motor carrier	1,514	16.4
Private truck	137	39.8
All other	84	-
SHIPPER CLASS 172: BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS--Continued		
Shipments from--		
Middle Atlantic Division	255	19.0
East North Central Division	1,171	19.4
Pacific Division	266	69.8
Balance of United States	150	-
SHIPPER CLASS 173: METAL STAMPINGS AND METAL PLATING, POLISHING, AND ENGRAVING		
Total shipments	6,320	17.6
Shipments by--		
Rail	1,251	13.4
Motor carrier	3,704	25.0
Private truck	1,230	31.6
All other	135	-
Shipments from--		
New England Division	153	44.6
Middle Atlantic Division	1,037	31.4
East North Central Division	4,221	25.2
West North Central Division	106	53.6
South Atlantic Division	154	18.6
East South Central Division	180	47.8
Pacific Division	89	72.2
Balance of United States	380	-
SHIPPER CLASS 174: MISCELLANEOUS FABRICATED WIRE PRODUCTS AND OTHER MISC. FABRICATED METAL PRODUCTS		
Total shipments	5,179	13.8
Shipments by--		
Rail	1,098	16.0
Motor carrier	2,896	10.2
Private truck	1,141	36.6
All other	44	-
Shipments from--		
New England Division	183	36.4
Middle Atlantic Division	933	33.6
East North Central Division	1,863	19.4
West North Central Division	273	64.4
South Atlantic Division	291	56.0
East South Central Division	1,128	26.6
West South Central Division	394	68.4
Mountain Division	3	89.6
Pacific Division	111	47.4

TABLE 1. SHIPPER GROUP 17--Percent Distribution of Distance, by Means of Transport: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	18,408	100.0	21.3	56.2	20.5	0.3	0.6	0.8	0.3
Under 50 miles	3,466	100.0	13.5	46.9	38.6	-	.2	.7	.1
50 to 99 miles	2,724	100.0	10.0	57.7	31.0	-	.4	.8	.1
100 to 199 miles	3,345	100.0	14.7	63.6	19.4	-	-	1.3	1.0
200 to 299 miles	2,366	100.0	19.1	65.5	11.9	.5	2.3	.7	-
300 to 399 miles	1,588	100.0	24.4	64.9	9.9	.3	-	.3	.2
400 to 499 miles	1,036	100.0	33.6	54.2	11.4	.3	-	.4	.1
500 to 599 miles	895	100.0	27.3	62.1	9.5	.4	.2	.5	-
600 to 799 miles	1,060	100.0	21.2	65.1	12.5	.3	.1	.7	.1
800 to 999 miles	847	100.0	59.2	28.0	8.5	2.4	.4	1.4	.1
1,000 to 1,199 miles	272	100.0	47.9	37.6	12.8	.4	.6	.3	.4
1,200 to 1,499 miles	163	100.0	33.6	48.4	15.8	1.3	.5	.4	-
1,500 to 1,999 miles	419	100.0	52.9	35.7	7.4	.9	2.3	.8	-
2,000 miles and over	227	100.0	56.3	32.7	.2	2.1	8.0	.7	-
TON-MILES	(millions of ton-miles)								
Total	6,148	100.0	34.7	50.2	11.3	.8	2.1	.7	.2
Under 50 miles	99	100.0	12.7	48.0	38.6	-	.1	.5	.1
50 to 99 miles	194	100.0	10.8	58.0	30.1	-	.3	.7	.1
100 to 199 miles	476	100.0	14.8	63.7	19.5	-	-	1.1	.9
200 to 299 miles	588	100.0	18.9	65.3	11.9	.4	2.7	.8	-
300 to 399 miles	542	100.0	24.3	65.2	9.7	.3	-	.3	.2
400 to 499 miles	468	100.0	34.0	53.8	11.4	.3	-	.4	.1
500 to 599 miles	497	100.0	27.1	62.5	9.3	.4	.2	.5	-
600 to 799 miles	722	100.0	21.1	64.8	12.9	.3	.1	.7	.1
800 to 999 miles	741	100.0	58.4	28.5	8.7	2.4	.4	1.4	.2
1,000 to 1,199 miles	295	100.0	48.6	37.2	12.5	.4	.6	.3	.4
1,200 to 1,499 miles	218	100.0	33.2	48.6	16.1	1.2	.5	.4	-
1,500 to 1,999 miles	751	100.0	53.1	35.5	7.3	.9	2.5	.7	-
2,000 miles and over	557	100.0	51.9	30.1	.2	1.9	15.2	.7	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 17--Percent Distribution of Weight, by Means of Transport: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	17,660	100.0	21.1	56.7	20.3	1.9
Under 1,000 pounds	1,091	100.0	1.5	82.7	9.8	6.0
Under 50 pounds	39	100.0	1.2	45.5	7.3	46.0
50 to 99 pounds	61	100.0	1.3	75.3	9.3	14.1
100 to 199 pounds	137	100.0	1.3	83.4	7.3	8.0
200 to 499 pounds	400	100.0	1.3	86.3	9.0	3.4
500 to 999 pounds	454	100.0	1.7	83.6	11.6	3.1
1,000 to 9,999 pounds	3,728	100.0	3.7	72.2	23.1	1.0
1,000 to 1,999 pounds	709	100.0	1.5	83.7	13.6	1.2
2,000 to 2,999 pounds	522	100.0	1.4	81.0	16.6	1.0
3,000 to 3,999 pounds	378	100.0	1.5	77.4	19.6	1.5
4,000 to 4,999 pounds	360	100.0	1.7	75.2	22.9	.2
5,000 to 9,999 pounds	1,759	100.0	6.2	63.4	29.6	.8
10,000 to 29,999 pounds	6,321	100.0	20.6	51.8	26.7	.9
10,000 to 19,999 pounds	4,306	100.0	19.5	53.0	26.9	.6
20,000 to 29,999 pounds	2,015	100.0	22.9	49.6	26.3	1.2
30,000 to 59,999 pounds	4,568	100.0	19.8	62.6	15.6	2.0
30,000 to 39,999 pounds	1,958	100.0	19.9	62.4	15.0	2.7
40,000 to 49,999 pounds	1,999	100.0	16.7	60.9	20.9	1.5
50,000 to 59,999 pounds	611	100.0	29.7	68.3	.6	1.4
60,000 to 89,999 pounds	647	100.0	76.3	19.5	2.0	2.2
60,000 to 69,999 pounds	192	100.0	77.3	20.8	-	1.9
70,000 to 79,999 pounds	240	100.0	72.8	20.5	5.3	1.4
80,000 to 89,999 pounds	215	100.0	79.6	17.1	-	3.3
90,000 pounds and over	1,305	100.0	66.7	11.0	15.7	6.6
TON-MILES	(millions of ton-miles)					
Total	5,815	100.0	33.4	51.2	11.6	3.8
Under 1,000 pounds	482	100.0	3.8	84.9	2.6	8.7
Under 50 pounds	20	100.0	2.7	42.1	1.1	54.1
50 to 99 pounds	30	100.0	2.8	76.7	2.2	18.3
100 to 199 pounds	67	100.0	2.8	83.8	1.2	12.2
200 to 499 pounds	180	100.0	3.8	89.3	2.0	4.9
500 to 999 pounds	185	100.0	4.4	87.2	3.8	4.6
1,000 to 9,999 pounds	1,218	100.0	6.5	79.0	12.4	2.1
1,000 to 1,999 pounds	301	100.0	3.3	90.2	3.9	2.6
2,000 to 2,999 pounds	180	100.0	2.9	84.5	8.6	4.0
3,000 to 3,999 pounds	131	100.0	3.3	86.1	7.8	2.8
4,000 to 4,999 pounds	105	100.0	4.8	85.0	9.6	.6
5,000 to 9,999 pounds	501	100.0	11.0	67.0	20.7	1.3
10,000 to 29,999 pounds	1,765	100.0	34.8	43.6	20.1	1.5
10,000 to 19,999 pounds	1,008	100.0	34.0	50.1	14.8	1.1
20,000 to 29,999 pounds	757	100.0	35.9	34.9	27.0	2.2
30,000 to 59,999 pounds	1,582	100.0	40.8	44.3	8.8	6.1
30,000 to 39,999 pounds	717	100.0	38.2	49.5	8.9	3.4
40,000 to 49,999 pounds	660	100.0	36.5	41.9	11.4	10.2
50,000 to 59,999 pounds	205	100.0	63.7	34.6	.1	1.6
60,000 to 89,999 pounds	335	100.0	75.0	21.5	1.5	2.0
60,000 to 69,999 pounds	95	100.0	87.5	11.6	-	.9
70,000 to 79,999 pounds	113	100.0	68.0	26.6	4.6	.8
80,000 to 89,999 pounds	127	100.0	71.8	24.4	-	3.8
90,000 pounds and over	433	100.0	77.2	13.4	3.1	6.3

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 17--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	17,660	100.0	21.1	56.7	20.3	1.9
Under 200 miles	9,206	100.0	13.1	56.3	29.1	1.5
Under 1,000 pounds	434	100.0	.1	74.9	21.8	3.2
1,000 to 9,999 pounds	1,939	100.0	1.5	63.8	34.1	.6
10,000 to 29,999 pounds	3,553	100.0	10.8	55.5	33.0	.7
30,000 to 59,999 pounds	2,310	100.0	7.0	67.7	23.1	2.2
60,000 to 89,999 pounds	247	100.0	81.1	11.5	4.4	3.0
90,000 pounds and over	723	100.0	59.7	7.8	28.4	4.1
200 to 399 miles	3,787	100.0	21.3	65.0	11.3	2.4
Under 1,000 pounds	235	100.0	.4	90.3	2.0	7.3
1,000 to 9,999 pounds	766	100.0	4.9	82.1	11.5	1.5
10,000 to 29,999 pounds	1,383	100.0	26.8	55.0	17.8	.4
30,000 to 59,999 pounds	1,039	100.0	15.5	75.3	8.5	.7
60,000 to 89,999 pounds	124	100.0	57.6	42.4	-	-
90,000 pounds and over	240	100.0	68.4	10.5	-	21.1
400 to 599 miles	1,878	100.0	31.0	57.6	10.5	.9
Under 1,000 pounds	145	100.0	2.1	88.4	1.9	7.6
1,000 to 9,999 pounds	440	100.0	6.7	81.7	10.9	.7
10,000 to 29,999 pounds	613	100.0	41.8	38.9	19.0	.3
30,000 to 59,999 pounds	475	100.0	29.9	63.2	6.5	.4
60,000 to 89,999 pounds	69	100.0	88.2	11.8	-	-
90,000 pounds and over	136	100.0	65.6	34.4	-	-
600 to 999 miles	1,821	100.0	38.1	48.5	10.8	2.6
Under 1,000 pounds	164	100.0	3.2	87.8	1.6	7.4
1,000 to 9,999 pounds	375	100.0	7.1	81.1	11.1	.7
10,000 to 29,999 pounds	537	100.0	30.4	46.4	21.2	2.0
30,000 to 59,999 pounds	502	100.0	56.7	32.7	7.8	2.8
60,000 to 89,999 pounds	104	100.0	75.1	18.3	-	6.6
90,000 pounds and over	139	100.0	98.1	.8	-	1.1
1,000 miles and over	968	100.0	45.2	40.8	9.2	4.8
Under 1,000 pounds	112	100.0	5.7	82.3	1.9	10.1
1,000 to 9,999 pounds	208	100.0	8.2	78.1	9.7	4.0
10,000 to 29,999 pounds	235	100.0	54.3	24.5	18.3	2.9
30,000 to 59,999 pounds	243	100.0	63.6	20.7	9.0	6.7
60,000 to 89,999 pounds	102	100.0	80.7	17.4	1.9	-
90,000 pounds and over	68	100.0	72.2	21.5	-	6.3
TON-MILES	(millions of ton-miles)					
Total[1]	5,815	100.0	33.4	51.2	11.6	3.8
Under 200 miles	743	100.0	13.7	60.1	24.5	1.7
Under 1,000 pounds	37	100.0	.1	85.2	11.3	3.4
1,000 to 9,999 pounds	154	100.0	1.9	70.3	27.4	.4
10,000 to 29,999 pounds	284	100.0	15.0	56.0	28.5	.5
30,000 to 59,999 pounds	198	100.0	6.6	70.8	19.7	2.9
60,000 to 89,999 pounds	15	100.0	63.9	17.0	14.1	5.0
90,000 pounds and over	55	100.0	61.7	9.4	24.5	4.4
200 to 399 miles	1,076	100.0	21.6	64.9	11.0	2.5
Under 1,000 pounds	68	100.0	.5	90.2	2.1	7.2
1,000 to 9,999 pounds	215	100.0	5.0	82.1	11.6	1.3
10,000 to 29,999 pounds	398	100.0	26.5	55.6	17.5	.4
30,000 to 59,999 pounds	288	100.0	16.5	74.9	7.9	.7
60,000 to 89,999 pounds	35	100.0	56.1	43.9	-	-
90,000 pounds and over	72	100.0	67.6	11.7	-	20.7

See footnote at end of table.

TABLE 3. SHIPPER GROUP 17--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Metal Cans and Miscellaneous Fabricated Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	938	100.0	30.7	58.1	10.3	0.9
Under 1,000 pounds	72	100.0	2.1	88.2	1.9	7.8
1,000 to 9,999 pounds	217	100.0	6.4	82.1	10.8	.7
10,000 to 29,999 pounds	305	100.0	41.8	39.1	18.8	.3
30,000 to 59,999 pounds	238	100.0	29.2	64.2	6.1	.5
60,000 to 89,999 pounds	36	100.0	86.7	13.3	-	-
90,000 pounds and over	70	100.0	63.4	36.6	-	-
600 to 999 miles	1,397	100.0	39.9	46.3	11.0	2.8
Under 1,000 pounds	126	100.0	3.3	87.5	1.7	7.5
1,000 to 9,999 pounds	282	100.0	7.3	80.4	11.6	.7
10,000 to 29,999 pounds	406	100.0	31.1	44.7	21.9	2.3
30,000 to 59,999 pounds	389	100.0	59.8	29.5	7.6	3.1
60,000 to 89,999 pounds	83	100.0	78.2	14.8	-	7.0
90,000 pounds and over	111	100.0	98.1	.7	-	1.2
1,000 miles and over	1,661	100.0	46.0	38.3	7.5	8.2
Under 1,000 pounds	180	100.0	6.7	80.0	1.8	11.5
1,000 to 9,999 pounds	349	100.0	9.0	77.6	8.0	5.4
10,000 to 29,999 pounds	372	100.0	57.5	23.5	15.4	3.6
30,000 to 59,999 pounds	469	100.0	60.2	16.7	7.1	16.0
60,000 to 89,999 pounds	166	100.0	75.9	22.3	1.8	-
90,000 pounds and over	125	100.0	79.0	14.3	-	6.7

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 17--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	18,408	100.0	21.3	56.2	20.5	0.3	0.6	0.8	0.3
New England	559	100.0	6.7	56.6	24.5	2.9	.3	9.0	-
Middle Atlantic	3,412	100.0	26.0	59.0	12.9	.2	.6	1.2	.1
East North Central	8,589	100.0	18.8	62.8	16.4	.3	.7	.5	.5
West North Central	753	100.0	29.8	39.1	30.4	.1	-	.6	-
South Atlantic	1,100	100.0	19.7	63.8	16.4	.1	-	-	-
East South Central	1,385	100.0	30.0	51.4	18.4	-	-	-	.2
West South Central	1,015	100.0	9.3	22.1	68.1	.2	.2	.1	-
Mountain[1]	3	-	-	-	-	-	-	-	-
Pacific[2]	1,592	100.0	27.4	43.9	26.6	.3	1.6	.1	.1
TON-MILES	(millions of ton-miles)								
U.S. total	6,148	100.0	34.7	50.2	11.3	.8	2.1	.7	.2
New England	219	100.0	14.0	63.7	10.1	6.2	.1	5.9	-
Middle Atlantic	1,337	100.0	36.5	52.3	4.1	.4	5.7	.9	.1
East North Central	2,537	100.0	34.9	55.7	6.8	.8	.9	.6	.3
West North Central	238	100.0	31.1	41.4	25.9	.3	.5	.8	-
South Atlantic	301	100.0	22.8	65.1	11.8	.3	-	-	-
East South Central	669	100.0	46.5	38.5	15.0	-	-	-	-
West South Central	361	100.0	12.3	27.4	58.8	.6	.7	.1	.1
Mountain[1]	3	-	-	-	-	-	-	-	-
Pacific[2]	483	100.0	47.2	38.7	7.8	1.3	4.7	.2	.1

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 17--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	18,408	18,408	770	2,863	7,113	1,257	1,759	961	1,574	298	1,913
Ton-miles.....millions..	6,148	6,148	188	633	1,335	549	643	415	791	281	1,313
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	18,408	100.0	3.6	15.6	38.6	6.8	9.6	5.2	8.6	1.6	10.4
Shipments from--											
New England.....	559	100.0	43.3	20.0	10.3	1.7	10.5	8.0	4.1	.3	1.8
Middle Atlantic.....	3,412	100.0	8.9	42.6	20.5	3.1	13.7	3.1	3.9	1.1	3.1
East North Central.....	8,589	100.0	.9	9.1	65.2	8.2	5.0	4.2	3.0	1.3	3.1
West North Central.....	753	100.0	1.8	3.3	24.0	38.9	1.6	6.3	20.9	2.3	.9
South Atlantic.....	1,100	100.0	1.4	34.7	11.5	3.3	42.4	4.5	1.7	-	.5
East South Central.....	1,385	100.0	.3	4.1	26.3	5.7	19.8	19.8	16.7	.2	7.1
West South Central.....	1,015	100.0	.9	4.8	6.0	2.1	3.9	5.5	71.4	4.7	.7
Mountain[2].....	3	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	1,592	100.0	-	.3	2.0	.4	.6	1.3	1.6	5.1	88.7
TON-MILES	(millions)										
U.S. total.....	6,148	100.0	3.1	10.3	21.6	8.9	10.5	6.7	12.9	4.6	21.4
Shipments from--											
New England.....	219	100.0	8.1	8.0	17.7	4.6	15.9	18.0	14.3	1.7	11.7
Middle Atlantic.....	1,337	100.0	5.5	11.4	22.1	7.0	10.0	5.8	11.8	4.7	21.7
East North Central.....	2,537	100.0	2.3	11.1	26.2	12.0	9.7	5.3	8.8	4.9	19.7
West North Central.....	238	100.0	5.9	8.9	17.4	20.7	4.1	6.9	26.8	4.3	5.0
South Atlantic.....	301	100.0	1.9	20.4	23.2	10.1	26.5	7.1	6.4	.3	4.1
East South Central.....	669	100.0	.5	5.5	16.2	5.9	12.7	7.9	22.9	.4	28.0
West South Central.....	361	100.0	3.8	14.0	14.3	3.4	9.6	9.7	30.7	11.1	3.4
Mountain[2].....	3	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	483	100.0	.2	2.5	12.4	2.0	4.1	7.6	6.8	7.7	56.7

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 17--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	18,408	100.0	21.3	56.2	20.5	0.3	0.6	0.8	0.3
Middle Atlantic, total	3,412	100.0	26.0	59.0	12.9	.2	.6	1.2	.1
Shipments to--									
New England	304	100.0	17.9	76.4	3.5	.1	-	2.1	-
Middle Atlantic	1,453	100.0	11.3	65.5	21.6	.3	.1	1.1	.1
East North Central	701	100.0	32.5	59.6	7.2	.2	-	.4	.1
West North Central	106	100.0	45.9	50.0	2.4	.3	-	.3	1.1
South Atlantic	467	100.0	46.8	39.1	10.7	-	.7	2.7	-
East South Central	105	100.0	39.2	51.1	7.6	.2	-	1.9	-
West South Central	133	100.0	55.0	41.7	2.9	.1	.1	.2	-
Pacific	107	100.0	49.4	34.7	-	1.1	14.0	.8	-
East North Central, total	8,589	100.0	18.8	62.8	16.4	.3	.7	.5	.5
Shipments to--									
New England	81	100.0	9.3	85.0	3.7	.7	-	1.3	-
Middle Atlantic	780	100.0	30.5	62.4	5.9	.2	.1	.7	.2
East North Central	5,588	100.0	10.8	65.8	22.1	.2	-	.5	.6
West North Central	707	100.0	27.6	64.8	6.5	.4	.3	.4	-
South Atlantic	433	100.0	28.0	68.8	1.6	.6	-	.6	.4
East South Central	363	100.0	13.4	56.5	13.2	1.4	14.7	.8	-
West South Central	262	100.0	49.8	39.3	10.1	.3	.1	.4	-
Mountain	110	100.0	82.2	16.7	.3	.6	-	.2	-
Pacific	265	100.0	65.9	30.8	.3	1.5	.5	1.0	-
South Atlantic, total	1,100	100.0	19.7	63.8	16.4	.1	-	-	-
Shipments to--									
Middle Atlantic	382	100.0	22.9	66.6	10.5	-	-	-	-
East North Central	127	100.0	12.2	84.9	2.8	.1	-	-	-
South Atlantic	466	100.0	12.8	59.8	27.4	-	-	-	-
East South Central, total	1,385	100.0	30.0	51.4	18.4	-	-	-	.2
Shipments to--									
East North Central	365	100.0	21.2	72.2	6.6	-	-	-	-
South Atlantic	274	100.0	24.2	45.9	29.9	-	-	-	-
East South Central	274	100.0	8.5	55.5	35.2	-	-	-	.8
West South Central, total	1,015	100.0	9.3	22.1	68.1	.2	.2	.1	-
Shipments to--									
West South Central	724	100.0	6.5	20.8	72.7	-	-	-	-
Pacific, total	1,592	100.0	27.4	43.9	26.6	.3	1.6	.1	.1
Shipments to--									
Middle Atlantic	5	100.0	10.2	81.8	-	6.7	-	1.2	.1
East North Central	31	100.0	72.7	20.3	5.1	1.6	-	.3	-
South Atlantic	9	100.0	45.5	47.6	.1	6.2	-	.6	-
West South Central	26	100.0	52.0	44.0	-	3.2	-	.8	-
Mountain	81	100.0	28.8	63.3	7.5	.2	-	.2	-
Pacific	1,412	100.0	25.9	42.6	29.4	.1	1.8	.1	.1
TON-MILES	(millions of ton-miles)								
U.S. total	6,148	100.0	34.7	50.2	11.3	.8	2.1	.7	.2
Middle Atlantic, total	1,337	100.0	36.5	52.3	4.1	.4	5.7	.9	.1
Shipments to--									
New England	73	100.0	27.3	68.2	2.3	.1	-	2.1	-
Middle Atlantic	152	100.0	13.1	74.7	10.6	.8	-	.8	-
East North Central	298	100.0	33.2	62.3	3.8	.3	-	.4	-
West North Central	93	100.0	46.6	48.7	2.8	.3	-	.3	1.3
South Atlantic	134	100.0	41.7	44.3	8.9	-	2.2	2.8	.1
East South Central	77	100.0	38.8	51.1	8.1	.2	-	1.8	-
West South Central	157	100.0	52.4	44.0	3.1	.1	.2	.2	-
Pacific	290	100.0	43.6	29.3	-	1.0	25.3	.8	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 17--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Metal Cans and Miscellaneous Fabricated Metal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	2,537	100.0	34.9	55.7	6.8	0.8	0.9	0.6	0.3
Shipments to--									
New England	59	100.0	8.6	85.4	4.2	.6	-	1.2	-
Middle Atlantic	282	100.0	24.9	68.4	5.0	.4	.2	.9	.2
East North Central	665	100.0	11.8	72.4	14.3	.3	-	.4	.8
West North Central	304	100.0	29.5	63.1	6.2	.4	.4	.4	-
South Atlantic	245	100.0	31.7	64.9	1.7	.5	-	.6	.6
East South Central	136	100.0	15.4	57.5	11.7	2.9	11.6	.9	-
West South Central	223	100.0	52.4	37.5	9.1	.4	.2	.4	-
Mountain	124	100.0	80.8	17.8	.3	.9	-	.2	-
Pacific	499	100.0	65.5	30.5	.3	1.6	1.1	1.0	-
South Atlantic, total	301	100.0	22.8	65.1	11.8	.3	-	-	-
Shipments to--									
Middle Atlantic	62	100.0	17.7	72.3	9.9	.1	-	-	-
East North Central	70	100.0	12.7	83.4	3.8	.1	-	-	-
South Atlantic	80	100.0	12.9	62.2	24.9	-	-	-	-
East South Central, total	669	100.0	46.5	38.5	15.0	-	-	-	-
Shipments to--									
East North Central	109	100.0	21.9	65.0	13.1	-	-	-	-
South Atlantic	85	100.0	26.4	48.4	25.2	-	-	-	-
East South Central	53	100.0	10.5	62.3	26.8	-	-	-	.4
West South Central, total	361	100.0	12.3	27.4	58.8	.6	.7	.1	.1
Shipments to--									
West South Central	110	100.0	8.0	29.3	62.7	-	-	-	-
Pacific, total	483	100.0	47.2	38.7	7.8	1.3	4.7	.2	.1
Shipments to--									
Middle Atlantic	12	100.0	10.2	81.8	-	6.7	-	1.2	.1
East North Central	60	100.0	73.8	19.4	5.0	1.5	-	.3	-
South Atlantic	20	100.0	48.2	45.4	.1	5.7	-	.6	-
West South Central	33	100.0	55.8	39.9	-	3.5	-	.8	-
Mountain	37	100.0	22.5	66.5	10.4	.3	-	.3	-
Pacific	274	100.0	49.2	31.3	10.7	.3	8.4	-	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 17--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	18,408	4,016	8,946	5,446	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	6,148	1,160	2,753	2,235
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	21.3	6.4	19.9	34.6	34.7	11.4	31.8	50.3
Motor carrier.....	56.2	66.0	53.3	54.0	50.2	64.6	49.6	43.5
Private truck.....	20.5	24.8	25.6	8.9	11.3	20.5	13.9	3.5
Air.....	.3	.7	.2	.2	.8	1.8	.6	.6
Water.....	.6	-	.5	1.2	2.1	.1	3.6	1.2
Other.....	.8	1.5	.4	.8	.7	1.3	.5	.7
Unknown.....	.3	.6	.1	.3	.2	.3	-	.2
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	33.6	38.2	37.5	23.8	4.8	6.9	5.5	2.7
100 to 199 miles.....	18.2	20.9	18.2	16.0	7.7	9.9	8.4	5.7
200 to 299 miles.....	12.9	11.7	12.1	15.0	9.6	9.6	9.7	9.3
300 to 399 miles.....	8.6	6.1	7.8	11.9	8.8	7.2	8.7	9.8
400 to 499 miles.....	5.6	3.2	5.8	7.1	7.6	5.0	8.5	7.9
500 to 999 miles.....	15.2	15.5	13.1	18.6	31.9	37.9	29.8	31.4
1,000 miles and over.....	5.9	4.4	5.5	7.6	29.6	23.5	29.4	33.2

Table 8. SHIPPER GROUP 17--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Metal Cans and Miscellaneous Fabricated Metal Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	32.3	22.1	48.8	75.7
Highway facilities	83.8	84.4	81.6	91.2
Rail and highway facilities	22.5	13.8	35.4	67.6
Air facilities	83.0	83.3	82.1	85.5
Rail, highway, and air facilities	16.4	8.4	28.0	60.5
Water facilities	18.8	18.2	18.8	28.3
Rail, highway, air, and water facilities	5.1	2.4	8.6	23.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 171--Percent Distribution of Distance, by Means of Transport: 1967

Metal Cans

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	5,067	100.0	29.0	44.3	24.8	-	0.9	0.7	0.3
Under 50 miles	1,398	100.0	16.2	48.4	34.2	-	.4	.7	.1
50 to 99 miles	1,165	100.0	14.0	48.5	36.2	-	.8	.4	.1
100 to 199 miles	966	100.0	28.5	50.1	20.2	-	-	.6	.6
200 to 299 miles	494	100.0	44.7	41.1	12.7	-	-	1.4	.1
300 to 399 miles	349	100.0	36.5	50.5	12.3	0.2	-	-	.5
400 to 499 miles	116	100.0	56.2	31.3	10.4	-	-	1.1	1.0
500 to 599 miles	120	100.0	59.4	20.1	20.1	.2	-	.2	-
600 to 799 miles	128	100.0	55.5	33.2	7.2	-	.5	3.2	.4
800 to 999 miles	113	100.0	70.8	18.3	6.8	-	2.5	.5	1.1
1,000 miles and over	218	100.0	76.6	8.8	2.2	-	12.1	.3	-
TON-MILES	(millions of ton-miles)								
Total	1,207	100.0	50.5	28.9	11.5	-	8.0	.8	.3
Under 50 miles	37	100.0	18.1	51.5	29.6	-	.2	.6	-
50 to 99 miles	84	100.0	15.2	48.9	34.7	-	.6	.5	.1
100 to 199 miles	142	100.0	29.6	48.7	20.4	-	-	.6	.7
200 to 299 miles	121	100.0	43.8	42.0	12.6	-	-	1.5	.1
300 to 399 miles	117	100.0	36.8	50.4	12.1	.2	-	-	.5
400 to 499 miles	51	100.0	57.1	30.4	10.5	-	-	1.1	.9
500 to 599 miles	67	100.0	60.1	19.8	19.7	.2	-	.2	-
600 to 799 miles	89	100.0	55.5	33.4	7.0	-	.5	3.2	.4
800 to 999 miles	99	100.0	70.4	18.6	7.0	-	2.3	.5	1.2
1,000 miles and over	400	100.0	66.0	8.1	2.2	-	23.3	.4	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 171--Percent Distribution of Weight, by Means of Transport: 1967

Metal Cans

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,833	100.0	27.4	45.3	25.4	1.9
Under 1,000 pounds	12	100.0	1.3	55.0	38.9	4.8
100 to 199 pounds	1	100.0	3.6	66.1	18.9	11.4
200 to 499 pounds	3	100.0	1.6	53.5	40.2	4.7
500 to 999 pounds	8	100.0	1.1	54.6	42.0	2.3
1,000 to 9,999 pounds	557	100.0	7.7	51.2	39.8	1.3
1,000 to 1,999 pounds	25	100.0	2.1	54.0	41.7	2.2
2,000 to 2,999 pounds	25	100.0	2.1	41.3	54.4	2.2
3,000 to 3,999 pounds	28	100.0	2.8	41.2	53.2	2.8
4,000 to 4,999 pounds	33	100.0	3.9	47.6	47.4	1.1
5,000 to 9,999 pounds	446	100.0	8.9	52.3	37.5	1.3
10,000 to 29,999 pounds	2,779	100.0	20.2	47.9	30.6	1.3
10,000 to 19,999 pounds	2,315	100.0	17.4	48.2	33.5	.9
20,000 to 29,999 pounds	464	100.0	33.9	47.2	16.3	2.6
30,000 to 59,999 pounds	853	100.0	17.1	64.8	14.0	4.1
30,000 to 39,999 pounds	353	100.0	16.3	60.3	18.5	4.9
40,000 tp 49,999 pounds	449	100.0	10.9	73.7	11.4	4.0
50,000 to 59,999 pounds	51	100.0	76.6	17.1	6.3	-
60,000 tp 89,999 pounds	186	100.0	96.8	3.2	-	-
60,000 to 69,999 pounds	61	100.0	99.6	.4	-	-
70,000 to 79,999 pounds	57	100.0	97.6	2.4	-	-
80,000 to 89,999 pounds	68	100.0	93.6	6.4	-	-
90,000 pounds and over	446	100.0	88.4	1.4	7.0	3.2
TON-MILES	(millions of ton-miles)					
Total	1,042	100.0	43.9	32.6	13.1	10.4
Under 1,000 pounds	3	100.0	3.0	76.1	9.9	11.0
100 to 199 pounds	-	-	-	-	-	-
200 to 499 pounds	1	100.0	1.7	83.9	6.9	7.5
500 to 999 pounds	2	100.0	2.4	77.8	14.2	5.6
1,000 to 9,999 pounds	101	100.0	16.2	52.6	27.7	3.5
1,000 to 1,999 pounds	5	100.0	8.5	69.1	18.7	3.7
2,000 to 2,999 pounds	5	100.0	4.9	67.1	25.0	3.0
3,000 to 3,999 pounds	6	100.0	5.1	65.2	25.5	4.2
4,000 to 4,999 pounds	7	100.0	11.2	65.5	20.2	3.1
5,000 to 9,999 pounds	78	100.0	18.7	48.4	29.4	3.5
10,000 to 29,999 pounds	491	100.0	42.7	38.1	16.2	3.0
10,000 to 19,999 pounds	355	100.0	36.7	42.4	19.4	1.5
20,000 to 29,999 pounds	136	100.0	58.1	26.4	8.1	7.4
30,000 to 59,999 pounds	257	100.0	22.2	37.1	9.6	31.1
30,000 to 39,999 pounds	106	100.0	29.3	40.9	13.0	16.8
40,000 to 49,999 pounds	133	100.0	6.9	38.6	8.0	46.5
50,000 to 59,999 pounds	18	100.0	95.5	3.3	1.2	-
60,000 to 89,999 pounds	44	100.0	98.9	1.1	-	-
60,000 to 69,999 pounds	8	100.0	99.2	.8	-	-
70,000 to 79,999 pounds	14	100.0	99.8	.2	-	-
80,000 to 89,999 pounds	22	100.0	98.2	1.8	-	-
90,000 pounds and over	146	100.0	91.0	.7	2.3	6.0

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 171--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Metal Cans

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,833	100.0	27.4	45.3	25.4	1.9
Under 200 miles	3,446	100.0	18.8	49.0	31.0	1.2
Under 1,000 pounds	8	100.0	.1	40.8	56.8	2.3
1,000 to 9,999 pounds	396	100.0	3.4	49.5	46.3	.8
10,000 to 29,999 pounds	2,052	100.0	10.8	51.0	37.3	.9
30,000 to 59,999 pounds	601	100.0	12.5	71.3	14.3	1.9
60,000 to 89,999 pounds	124	100.0	95.4	4.6	-	-
90,000 pounds and over	265	100.0	82.8	1.6	11.8	3.8
200 to 399 miles	796	100.0	40.5	45.4	12.8	1.3
Under 1,000 pounds	2	100.0	4.1	75.0	16.2	4.7
1,000 to 9,999 pounds	105	100.0	13.7	59.5	25.8	1.0
10,000 to 29,999 pounds	437	100.0	37.2	48.5	13.1	1.2
30,000 to 59,999 pounds	133	100.0	21.4	63.1	12.8	2.7
60,000 to 89,999 pounds	37	100.0	99.3	.7	-	-
90,000 pounds and over	82	100.0	97.6	2.4	-	-
400 to 599 miles	230	100.0	57.0	26.2	15.5	1.3
Under 1,000 pounds	1	100.0	-	89.1	3.4	7.5
1,000 to 9,999 pounds	25	100.0	26.5	41.1	28.2	4.2
10,000 to 29,999 pounds	133	100.0	53.5	27.5	17.6	1.4
30,000 to 59,999 pounds	30	100.0	40.6	42.4	17.0	-
60,000 to 89,999 pounds	6	100.0	100.0	-	-	-
90,000 pounds and over	35	100.0	100.0	-	-	-
600 to 999 miles	240	100.0	62.5	26.3	7.1	4.1
Under 1,000 pounds	1	100.0	3.0	73.9	5.8	17.3
1,000 to 9,999 pounds	21	100.0	28.6	56.7	6.7	8.0
10,000 to 29,999 pounds	118	100.0	65.0	26.2	4.7	4.1
30,000 to 59,999 pounds	49	100.0	32.8	40.4	20.3	6.5
60,000 to 89,999 pounds	8	100.0	100.0	-	-	-
90,000 pounds and over	43	100.0	100.0	-	-	-
1,000 miles and over	121	100.0	59.4	15.8	3.9	20.9
Under 1,000 pounds	-	-	-	-	-	-
1,000 to 9,999 pounds	11	100.0	24.4	40.3	28.0	7.3
10,000 to 29,999 pounds	40	100.0	72.8	17.1	.4	9.7
30,000 to 59,999 pounds	39	100.0	34.1	20.0	4.1	41.8
60,000 to 89,999 pounds	10	100.0	100.0	-	-	-
90,000 pounds and over	21	100.0	79.9	-	-	20.1
TON-MILES	(millions of ton-miles)					
Total[1]	1,042	100.0	43.9	32.6	13.1	10.4
Under 200 miles	258	100.0	23.3	49.2	26.3	1.2
Under 1,000 pounds	-	-	-	-	-	-
1,000 to 9,999 pounds	27	100.0	4.9	56.3	37.9	.9
10,000 to 29,999 pounds	146	100.0	17.0	49.5	32.6	.9
30,000 to 59,999 pounds	54	100.0	13.7	71.4	12.5	2.4
60,000 to 89,999 pounds	7	100.0	93.7	6.3	-	-
90,000 pounds and over	24	100.0	83.0	1.5	13.9	1.6
200 to 399 miles	222	100.0	39.4	46.7	12.6	1.3
Under 1,000 pounds	1	100.0	4.7	74.3	16.1	4.9
1,000 to 9,999 pounds	29	100.0	12.6	60.4	26.0	1.0
10,000 to 29,999 pounds	123	100.0	36.9	49.3	12.6	1.2
30,000 to 59,999 pounds	38	100.0	21.1	63.2	12.8	2.9
60,000 to 89,999 pounds	9	100.0	99.3	.7	-	-
90,000 pounds and over	22	100.0	97.3	2.7	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 171--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Metal Cans

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	115	100.0	57.9	25.1	15.9	1.1
Under 1,000 pounds	-	-	-	-	-	-
1,000 to 9,999 pounds	12	100.0	24.6	41.3	29.8	4.3
10,000 to 29,999 pounds	66	100.0	54.2	26.5	18.1	1.2
30,000 to 59,999 pounds	15	100.0	40.6	41.1	18.3	-
60,000 to 89,999 pounds	4	100.0	100.0	-	-	-
90,000 pounds and over	18	100.0	100.0	-	-	-
600 to 999 miles	187	100.0	63.2	25.7	7.0	4.1
Under 1,000 pounds	1	100.0	2.8	73.8	5.6	17.8
1,000 to 9,999 pounds	15	100.0	28.1	56.5	7.8	7.6
10,000 to 29,999 pounds	90	100.0	64.6	26.1	5.0	4.3
30,000 to 59,999 pounds	38	100.0	33.3	40.3	19.7	6.7
60,000 to 89,999 pounds	6	100.0	100.0	-	-	-
90,000 pounds and over	37	100.0	100.0	-	-	-
1,000 miles and over	260	100.0	48.7	12.4	3.4	35.5
Under 1,000 pounds	1	100.0	4.9	80.8	.1	14.2
1,000 to 29,999 pounds	18	100.0	22.9	38.8	31.1	7.2
10,000 to 29,999 pounds	65	100.0	68.0	19.5	.3	12.2
30,000 to 59,999 pounds	113	100.0	20.5	10.5	2.6	66.4
60,000 to 89,999 pounds	19	100.0	100.0	-	-	-
90,000 pounds and over	44	100.0	80.9	-	-	19.1

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 171--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Metal Cans

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,067	100.0	29.0	44.3	24.8	-	0.9	0.7	0.3
Middle Atlantic	1,188	100.0	23.8	52.2	19.5	0.1	1.5	2.7	.2
East North Central	1,335	100.0	35.2	39.1	25.0	-	-	.1	.6
South Atlantic	651	100.0	21.5	61.6	16.9	-	-	-	-
Pacific[1]	1,125	100.0	28.5	41.3	27.9	-	2.1	.1	.1
Balance of United States[2]	768	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,207	100.0	50.5	28.9	11.5	-	8.0	.8	.3
Middle Atlantic	275	100.0	36.2	27.1	6.0	.1	27.0	3.1	.5
East North Central	406	100.0	64.7	25.8	8.7	-	.1	.2	.5
South Atlantic	103	100.0	23.5	60.2	16.3	-	-	-	-
Pacific[1]	240	100.0	53.7	25.7	12.2	-	8.3	-	.1
Balance of United States[2]	183	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 171--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Metal Cans

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	5,067	5,067	182	1,113	1,121	350	621	113	330	120	1,117
Ton-miles.....millions..	1,207	1,207	40	138	204	94	133	44	127	88	339
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	5,067	100.0	3.6	22.0	22.1	6.9	12.3	2.2	6.5	2.4	22.0
Shipments from--											
Middle Atlantic	1,188	100.0	8.1	64.5	6.4	.6	16.2	.9	1.1	-	2.2
East North Central	1,335	100.0	.9	4.5	67.0	10.3	2.4	3.1	3.5	4.4	3.9
South Atlantic	651	100.0	.6	40.3	1.5	.4	53.1	2.7	1.1	-	.3
Pacific[2]	1,125	100.0	-	.2	2.2	-	.4	.6	.6	4.0	92.0
Balance of U.S.	768	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	1,207	100.0	3.4	11.4	16.9	7.8	11.0	3.6	10.5	7.3	28.1
Shipments from--											
Middle Atlantic	275	100.0	8.1	20.3	9.9	2.3	14.8	3.0	5.3	.2	36.1
East North Central	406	100.0	2.1	7.0	24.6	12.1	4.8	2.1	9.9	15.1	22.3
South Atlantic	103	100.0	1.3	30.3	4.2	1.9	43.9	6.9	7.0	-	4.5
Pacific[2]	240	100.0	.1	1.8	20.3	-	4.0	4.9	2.9	6.9	59.1
Balance of U.S.[3]	183	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 171--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Metal Cans

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,067	100.0	29.0	44.3	24.8	-	0.9	0.7	0.3
Middle Atlantic, total	1,188	100.0	23.8	52.2	19.5	0.1	1.5	2.7	.2
Shipments to--									
Middle Atlantic	765	100.0	9.3	62.7	26.3	.1	-	1.5	.1
East North Central	76	100.0	38.9	48.7	10.1	.4	-	1.1	.8
South Atlantic	193	100.0	65.7	18.0	8.7	-	1.7	5.9	-
East North Central, total	1,335	100.0	35.2	39.1	25.0	-	-	.1	.6
Shipments to--									
Middle Atlantic	60	100.0	60.5	31.9	2.6	-	1.0	2.1	1.9
East North Central	896	100.0	20.1	46.5	32.5	-	-	.1	.8
West North Central	137	100.0	56.0	35.3	8.6	-	-	-	.1
South Atlantic, total	651	100.0	21.5	61.6	16.9	-	-	-	-
Shipments to--									
Middle Atlantic	263	100.0	31.6	64.9	3.5	-	-	-	-
South Atlantic	346	100.0	13.0	59.7	27.3	-	-	-	-
Pacific, total	1,125	100.0	28.5	41.3	27.9	-	2.1	.1	.1
Shipments to--									
Pacific	1,035	100.0	25.2	42.7	29.6	-	2.3	.1	.1
TON-MILES	(millions of ton-miles)								
U.S. total	1,207	100.0	50.5	28.9	11.5	-	8.0	.8	.3
Middle Atlantic, total	275	100.0	36.2	27.1	6.0	.1	27.0	3.1	.5
Shipments to--									
Middle Atlantic	56	100.0	16.8	63.1	18.5	.3	-	1.3	-
East North Central	27	100.0	45.6	48.2	3.5	.6	-	1.9	.2
South Atlantic	41	100.0	61.7	18.5	5.5	-	6.9	7.4	-
East North Central, total	406	100.0	64.7	25.8	8.7	-	.1	.2	.5
Shipments to--									
Middle Atlantic	28	100.0	57.6	34.2	2.9	-	1.5	2.0	1.8
East North Central	100	100.0	22.2	51.3	25.0	-	-	-	1.5
West North Central	49	100.0	59.6	32.5	7.8	-	-	-	.1
South Atlantic, total	103	100.0	23.5	60.2	16.3	-	-	-	-
Shipments to--									
Middle Atlantic	31	100.0	24.5	71.2	4.3	-	-	-	-
South Atlantic	45	100.0	13.2	58.8	28.0	-	-	-	-
Pacific, total	240	100.0	53.7	25.7	12.2	-	8.3	-	.1
Shipments to--									
Pacific	142	100.0	36.2	33.7	15.9	-	14.0	-	.2

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 171--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Metal Cans

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	5,067	856	2,303	1,908	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,207	125	595	487
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	29.0	17.8	29.7	33.1	50.5	41.0	48.4	55.5
Motor carrier.....	44.3	37.7	44.8	46.8	28.9	29.3	25.9	32.4
Private truck.....	24.8	44.5	23.7	17.3	11.5	29.7	10.0	8.7
Air.....	-	-	-	.1	-	-	-	.1
Water.....	.9	-	1.7	.3	8.0	-	15.7	.7
Other.....	.7	-	-	1.8	.8	-	-	1.9
Unknown.....	.3	-	.1	.6	.3	-	-	.7
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	50.6	68.1	50.9	42.2	10.1	25.9	8.8	7.7
100 to 199 miles.....	19.1	11.2	22.2	18.8	11.8	11.8	12.1	11.4
200 to 299 miles.....	9.7	9.9	7.4	12.5	10.0	15.2	7.0	12.3
300 to 399 miles.....	6.9	3.8	5.2	10.3	9.7	8.1	6.8	13.5
400 to 499 miles.....	2.3	.6	2.1	3.3	4.3	1.9	3.7	5.6
500 to 999 miles.....	7.1	5.5	5.6	9.8	21.1	25.5	14.5	28.0
1,000 miles and over.....	4.3	.9	6.6	3.1	33.0	11.6	47.1	21.5

Table 8. SHIPPER CLASS 171--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Metal Cans

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	92.7	91.1	91.7	100.0
Highway facilities	86.1	82.2	85.2	100.0
Rail and highway facilities	78.9	73.4	76.9	100.0
Air facilities	69.2	44.4	84.6	100.0
Rail, highway, and air facilities	59.2	35.5	69.4	100.0
Water facilities	30.1	13.3	36.5	61.3
Rail, highway, air, and water facilities	26.6	8.9	32.9	61.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.2 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 172--Percent Distribution of Distance, by Means of Transport: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,842	100.0	5.8	82.1	7.5	1.4	0.1	3.0	0.1
Under 50 miles	320	100.0	4.9	72.0	19.7	-	-	3.1	.3
50 to 99 miles	235	100.0	-	79.7	19.6	-	-	.7	-
100 to 199 miles	315	100.0	.2	89.2	.7	.1	-	9.8	-
200 to 299 miles	244	100.0	.4	96.8	.8	1.4	-	.6	-
300 to 399 miles	234	100.0	2.3	94.4	2.7	.3	-	.3	-
400 to 499 miles	90	100.0	.2	97.9	.5	.7	-	.7	-
500 to 599 miles	93	100.0	12.0	83.6	3.1	.7	-	.4	.2
600 to 799 miles	111	100.0	.6	92.5	5.0	1.4	-	.5	-
800 to 999 miles	127	100.0	52.4	22.6	6.8	11.2	-	7.0	-
1,000 to 1,199 miles	9	100.0	-	93.7	-	3.2	2.0	1.1	-
1,200 to 1,499 miles	18	100.0	14.9	80.7	-	4.1	-	.3	-
1,500 to 1,999 miles	25	100.0	.1	90.5	1.2	7.5	-	.7	-
2,000 miles and over	21	100.0	12.2	76.7	.1	5.5	5.0	.5	-
TON-MILES	(millions of ton-miles)								
Total	616	100.0	12.2	78.0	3.5	3.6	.5	2.2	-
Under 50 miles	9	100.0	2.9	73.3	21.5	-	-	2.2	.1
50 to 99 miles	18	100.0	-	81.3	18.0	-	-	.7	-
100 to 199 miles	44	100.0	.2	91.1	.6	.1	-	8.0	-
200 to 299 miles	61	100.0	.4	96.7	.9	1.4	-	.6	-
300 to 399 miles	79	100.0	2.3	94.4	2.7	.3	-	.3	-
400 to 499 miles	40	100.0	.2	97.9	.4	.8	-	.7	-
500 to 599 miles	51	100.0	11.6	84.0	3.1	.7	-	.4	.2
600 to 799 miles	75	100.0	.5	92.1	5.6	1.3	-	.5	-
800 to 999 miles	110	100.0	51.8	23.4	6.4	11.3	-	7.1	-
1,000 to 1,199 miles	10	100.0	-	93.7	-	3.2	1.9	1.2	-
1,200 to 1,499 miles	25	100.0	13.7	82.1	-	3.9	-	.3	-
1,500 to 1,999 miles	45	100.0	-	90.8	1.1	7.4	-	.7	-
2,000 miles and over	49	100.0	12.4	75.9	.1	5.2	5.9	.5	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 172--Percent Distribution of Weight, by Means of Transport: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,835	100.0	5.8	82.5	7.1	4.6
Under 1,000 pounds	312	100.0	.4	87.8	5.9	5.9
Under 50 pounds	12	100.0	.9	59.1	5.2	34.8
50 to 99 pounds	20	100.0	.7	81.9	5.6	11.8
100 to 199 pounds	42	100.0	.5	85.2	4.8	9.5
200 to 499 pounds	105	100.0	.4	92.3	3.7	3.6
500 to 999 pounds	133	100.0	.4	88.5	8.1	3.0
1,000 to 9,999 pounds	689	100.0	.7	89.5	9.2	.6
1,000 to 1,999 pounds	205	100.0	.3	90.0	8.9	.8
2,000 to 2,999 pounds	117	100.0	1.2	84.6	13.3	.9
3,000 to 3,999 pounds	93	100.0	.4	92.1	6.9	.6
4,000 to 4,999 pounds	59	100.0	.7	88.6	10.7	-
5,000 to 9,999 pounds	215	100.0	1.0	90.9	7.8	.3
10,000 to 29,999 pounds	299	100.0	3.8	90.4	2.5	3.3
10,000 to 19,999 pounds	191	100.0	.1	95.4	3.3	1.2
20,000 to 29,999 pounds	108	100.0	10.5	81.2	1.2	7.1
30,000 to 59,999 pounds	345	100.0	6.8	76.3	11.1	5.8
30,000 to 39,999 pounds	171	100.0	.7	81.7	14.8	2.8
40,000 to 49,999 pounds	159	100.0	13.6	71.7	7.9	6.8
50,000 to 59,999 pounds	15	100.0	4.4	61.9	4.0	29.7
60,000 to 89,999 pounds	88	100.0	45.3	43.4	-	11.3
60,000 to 69,999 pounds	23	100.0	81.0	3.4	-	15.6
70,000 to 79,999 pounds	16	100.0	5.4	72.5	-	22.1
80,000 to 89,999 pounds	49	100.0	41.2	52.9	-	5.9
90,000 pounds and over	102	100.0	25.3	51.1	2.7	20.9
TON-MILES	(millions of ton-miles)					
Total	613	100.0	12.3	78.2	3.1	6.4
Under 1,000 pounds	123	100.0	1.5	86.5	1.5	10.5
Under 50 pounds	6	100.0	1.8	53.4	.5	44.3
50 to 99 pounds	11	100.0	1.4	80.6	1.0	17.0
100 to 199 pounds	20	100.0	.4	83.6	.5	15.5
200 to 499 pounds	40	100.0	1.2	91.2	1.0	6.6
500 to 999 pounds	46	100.0	2.3	90.3	2.5	4.9
1,000 to 9,999 pounds	202	100.0	2.8	92.1	2.9	2.2
1,000 to 1,999 pounds	67	100.0	.9	94.1	2.0	3.0
2,000 to 2,999 pounds	36	100.0	2.5	86.9	4.2	6.4
3,000 to 3,999 pounds	26	100.0	2.6	93.8	3.5	.1
4,000 to 4,999 pounds	15	100.0	.3	95.8	3.9	-
5,000 to 9,999 pounds	58	100.0	6.1	90.9	2.6	.4
10,000 to 29,999 pounds	94	100.0	11.2	78.9	4.1	5.8
10,000 to 19,999 pounds	59	100.0	.2	92.3	6.2	1.3
20,000 to 29,999 pounds	35	100.0	29.8	56.3	.4	13.5
30,000 to 59,999 pounds	101	100.0	12.9	69.6	7.2	10.3
30,000 to 39,999 pounds	51	100.0	.1	92.3	1.3	6.3
40,000 to 49,999 pounds	46	100.0	27.9	47.5	14.2	10.4
50,000 to 59,999 pounds	4	100.0	.4	38.2	.2	61.2
60,000 to 89,999 pounds	63	100.0	43.1	52.3	-	4.6
60,000 to 69,999 pounds	17	100.0	94.2	.5	-	5.3
70,000 to 79,999 pounds	6	100.0	13.1	70.1	-	16.8
80,000 to 89,999 pounds	40	100.0	24.7	72.6	-	2.7
90,000 pounds and over	30	100.0	57.3	31.6	.1	11.0

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 172--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,835	100.0	5.8	82.5	7.1	4.6
Under 200 miles	871	100.0	1.9	80.3	12.8	5.0
Under 1,000 pounds	131	100.0	-	85.5	12.8	1.7
1,000 to 9,999 pounds	366	100.0	.2	83.5	15.9	.4
10,000 to 29,999 pounds	137	100.0	-	95.0	2.2	2.8
30,000 to 59,999 pounds	158	100.0	3.9	71.2	19.3	5.6
60,000 to 89,999 pounds	18	100.0	48.2	10.0	-	41.8
90,000 pounds and over	61	100.0	1.8	61.0	4.6	32.6
200 to 399 miles	474	100.0	1.3	96.6	.8	1.3
Under 1,000 pounds	83	100.0	.2	91.1	1.1	7.6
1,000 to 9,999 pounds	159	100.0	1.1	96.9	2.0	-
10,000 to 29,999 pounds	86	100.0	-	100.0	-	-
30,000 to 59,999 pounds	111	100.0	4.0	96.0	-	-
60,000 to 89,999 pounds	20	100.0	-	100.0	-	-
90,000 pounds and over	15	100.0	-	100.0	-	-
400 to 599 miles	180	100.0	6.3	91.9	.4	1.4
Under 1,000 pounds	33	100.0	.7	92.1	.2	7.0
1,000 to 9,999 pounds	71	100.0	-	98.6	1.1	.3
10,000 to 29,999 pounds	26	100.0	-	100.0	-	-
30,000 to 59,999 pounds	31	100.0	-	100.0	-	-
60,000 to 89,999 pounds	8	100.0	-	100.0	-	-
90,000 pounds and over	11	100.0	100.0	-	-	-
600 to 999 miles	238	100.0	28.2	55.2	6.0	10.6
Under 1,000 pounds	40	100.0	.7	89.1	.6	9.6
1,000 to 9,999 pounds	69	100.0	.6	96.9	2.1	.4
10,000 to 29,999 pounds	39	100.0	23.0	49.6	11.8	15.6
30,000 to 59,999 pounds	41	100.0	31.0	23.1	19.1	26.8
60,000 to 89,999 pounds	34	100.0	92.6	-	-	7.4
90,000 pounds and over	15	100.0	90.2	-	-	9.8
1,000 miles and over	72	100.0	7.3	84.5	.4	7.8
Under 1,000 pounds	25	100.0	2.8	80.9	1.2	15.1
1,000 to 9,999 pounds	24	100.0	8.6	83.9	-	7.5
10,000 to 29,999 pounds	11	100.0	23.3	76.7	-	-
30,000 to 59,999 pounds	3	100.0	-	100.0	-	-
60,000 pounds and over	9	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	613	100.0	12.3	78.2	3.1	6.4
Under 200 miles	70	100.0	.5	86.4	7.5	5.6
Under 1,000 pounds	11	100.0	-	91.4	7.0	1.6
1,000 to 9,999 pounds	30	100.0	.3	88.1	11.2	.4
10,000 to 29,999 pounds	11	100.0	-	96.1	2.6	1.3
30,000 to 59,999 pounds	11	100.0	1.1	84.9	7.5	6.5
60,000 to 89,999 pounds	1	100.0	9.6	19.0	-	71.4
90,000 pounds and over	6	100.0	.2	67.3	.4	32.1
200 to 399 miles	139	100.0	1.5	96.4	.9	1.2
Under 1,000 pounds	23	100.0	.2	91.5	1.1	7.2
1,000 to 9,999 pounds	44	100.0	1.1	96.6	2.3	-
10,000 to 29,999 pounds	26	100.0	-	100.0	-	-
30,000 to 59,999 pounds	34	100.0	4.5	95.5	-	-
60,000 to 89,999 pounds	7	100.0	-	100.0	-	-
90,000 pounds and over	5	100.0	-	100.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 172--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Bolts, Nuts, Screws, Rivets, and Washers

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	90	100.0	6.7	91.6	0.4	1.3
Under 1,000 pounds	16	100.0	.6	92.2	.2	7.0
1,000 to 9,999 pounds	35	100.0	-	98.7	1.0	.3
10,000 to 29,999 pounds	12	100.0	-	100.0	-	-
30,000 to 59,999 pounds	16	100.0	-	100.0	-	-
60,000 to 89,999 pounds	5	100.0	-	100.0	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-
600 to 999 miles	186	100.0	30.9	51.3	6.1	11.7
Under 1,000 pounds	30	100.0	.6	88.9	.6	9.9
1,000 to 9,999 pounds	50	100.0	.5	96.8	2.3	.4
10,000 to 29,999 pounds	30	100.0	24.6	46.1	11.6	17.7
30,000 to 59,999 pounds	34	100.0	33.9	18.2	19.2	28.7
60,000 to 89,999 pounds	29	100.0	92.6	-	-	7.4
90,000 pounds and over	13	100.0	89.7	-	-	10.3
1,000 miles and over	128	100.0	7.4	83.6	.4	8.6
Under 1,000 pounds	42	100.0	3.6	79.0	1.3	16.1
1,000 to 9,999 pounds	43	100.0	11.4	79.0	-	9.6
10,000 to 29,999 pounds	15	100.0	20.9	79.1	-	-
30,000 to 59,999 pounds	7	100.0	-	100.0	-	-
60,000 pounds and over	21	100.0	-	100.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 172--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,842	100.0	5.8	82.1	7.5	1.4	0.1	3.0	0.1
Middle Atlantic	255	100.0	2.3	91.0	5.1	.4	.1	1.0	.1
East North Central	1,171	100.0	2.4	91.1	5.5	.6	-	.3	.1
Pacific[1]	266	100.0	24.6	53.0	20.5	1.3	.4	.2	-
Balance of United States[2]	150	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	616	100.0	12.2	78.0	3.5	3.6	.5	2.2	-
Middle Atlantic	126	100.0	3.5	94.8	.4	.7	.1	.4	.1
East North Central	306	100.0	3.7	88.8	5.5	1.5	.1	.4	-
Pacific[1]	136	100.0	41.2	49.7	3.1	3.7	2.0	.3	-
Balance of United States[2]	48	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 172--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,842	1,842	130	220	907	81	95	80	45	36	248
Ton-miles.....millions..	616	616	19	70	172	34	49	52	44	30	146
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,842	100.0	7.0	12.0	49.2	4.4	5.2	4.3	2.4	2.0	13.5
Shipments from--											
Middle Atlantic	255	100.0	7.9	32.1	33.0	2.3	12.2	1.8	4.6	1.8	4.3
East North Central	1,171	100.0	.9	11.2	69.1	6.1	4.8	4.0	2.5	.3	1.1
Pacific[2]	266	100.0	.1	.3	1.2	.7	1.3	1.7	1.1	10.2	83.4
Balance of U.S.[3]	150	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	616	100.0	3.0	11.3	28.2	5.5	7.9	8.4	7.1	4.9	23.7
Shipments from--											
Middle Atlantic	126	100.0	1.5	10.5	31.2	4.4	8.8	2.3	13.0	7.1	21.2
East North Central	306	100.0	2.3	17.2	39.2	8.0	9.4	6.6	7.5	1.5	8.3
Pacific[2]	136	100.0	.4	1.5	4.6	1.8	5.1	5.7	2.8	11.7	66.4
Balance of U.S.[3]	48	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 172--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,842	100.0	5.8	82.1	7.5	1.4	0.1	3.0	0.1
Middle Atlantic, total	255	100.0	2.3	91.0	5.1	.4	.1	1.0	.1
Shipments to--									
New England	20	100.0	-	98.8	.4	.3	-	.5	-
Middle Atlantic	82	100.0	-	82.7	15.7	.1	-	1.4	.1
East North Central	84	100.0	.1	98.1	.2	.6	-	1.0	-
South Atlantic	31	100.0	14.3	82.9	-	.2	.6	1.4	.6
East North Central, total	1,171	100.0	2.4	91.1	5.5	.6	-	.3	.1
Shipments to--									
New England	10	100.0	-	91.8	6.3	.8	-	1.1	-
Middle Atlantic	131	100.0	.3	97.2	1.5	.5	-	.5	-
East North Central	809	100.0	2.8	90.9	5.6	.3	-	.3	.1
West North Central	71	100.0	.9	97.0	-	2.0	-	.1	-
South Atlantic	56	100.0	3.3	88.8	5.0	2.0	-	.8	.1
East South Central	47	100.0	.2	90.9	7.4	.8	-	.7	-
Pacific, total	266	100.0	24.6	53.0	20.5	1.3	.4	.2	-
Shipments to--									
Pacific	222	100.0	29.5	45.1	24.6	.4	.4	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	616	100.0	12.2	78.0	3.5	3.6	.5	2.2	-
Middle Atlantic, total	126	100.0	3.5	94.8	.4	.7	.1	.4	.1
Shipments to--									
New England	2	100.0	-	98.3	.1	.5	-	1.1	-
Middle Atlantic	13	100.0	-	95.7	2.9	.1	-	1.2	.1
East North Central	39	100.0	.1	98.6	.3	.6	-	.4	-
South Atlantic	11	100.0	14.0	82.1	-	.3	1.6	1.3	.7
East North Central, total	306	100.0	3.7	88.8	5.5	1.5	.1	.4	-
Shipments to--									
New England	7	100.0	-	90.6	7.9	.6	-	.9	-
Middle Atlantic	53	100.0	.1	97.5	1.4	.6	-	.4	-
East North Central	120	100.0	5.1	92.0	2.3	.4	-	.2	-
West North Central	25	100.0	1.6	96.6	-	1.7	-	.1	-
South Atlantic	29	100.0	2.0	89.4	5.4	2.3	-	.8	.1
East South Central	20	100.0	.1	85.5	12.7	.8	-	.9	-
Pacific, total	136	100.0	41.2	49.7	3.1	3.7	2.0	.3	-
Shipments to--									
Pacific	90	100.0	62.3	29.1	4.6	1.0	3.0	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 172--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,842	433	801	608	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	616	122	277	217
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	5.8	1.6	8.2	5.6	12.2	2.6	20.3	7.4
Motor carrier.....	82.1	76.9	79.4	89.8	78.0	73.6	70.6	89.5
Private truck.....	7.5	6.2	10.8	3.9	3.5	3.4	5.0	1.6
Air.....	1.4	3.2	1.2	.4	3.6	10.1	2.7	1.2
Water.....	.1	-	.1	-	.5	.1	1.0	.1
Other.....	3.0	12.0	.3	.1	2.2	10.1	.4	.2
Unknown.....	.1	.1	-	.2	-	.1	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	30.2	28.7	31.2	29.9	4.2	4.5	4.6	3.7
100 to 199 miles.....	17.1	31.5	12.8	12.5	7.2	15.1	5.2	5.3
200 to 299 miles.....	13.2	9.9	15.8	12.2	9.9	8.7	11.4	8.7
300 to 399 miles.....	12.7	6.2	13.6	16.2	12.9	7.4	13.4	15.4
400 to 499 miles.....	4.9	5.9	2.0	7.9	6.5	9.3	2.6	9.9
500 to 999 miles.....	18.0	15.6	21.0	15.8	38.5	40.8	45.6	28.0
1,000 miles and over.....	3.9	2.2	3.6	5.5	20.8	14.2	17.2	29.0

Table 8. SHIPPER CLASS 172--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Bolts, Nuts, Screws, Rivets, and Washers

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	19.2	9.7	44.5	70.0
Highway facilities	89.5	90.3	84.6	100.0
Rail and highway facilities	14.9	8.1	29.1	70.0
Air facilities	89.3	93.5	73.0	91.8
Rail, highway, and air facilities	12.3	8.1	17.5	64.5
Water facilities	9.8	8.1	15.6	13.6
Rail, highway, air, and water facilities	1.5	-	5.9	8.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.6 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 173--Percent Distribution of Distance, by Means of Transport: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	6,320	100.0	19.8	58.5	19.5	0.4	0.9	0.4	0.5
Under 50 miles	1,117	100.0	17.2	45.7	36.6	-	.1	.2	.2
50 to 99 miles	833	100.0	10.1	69.3	19.2	-	-	1.4	-
100 to 199 miles	1,249	100.0	8.7	69.3	19.7	.1	-	.1	2.1
200 to 299 miles	850	100.0	12.2	66.9	13.6	.8	6.3	.2	-
300 to 399 miles	481	100.0	30.5	57.7	11.0	.7	-	.1	-
400 to 499 miles	436	100.0	34.1	56.8	8.3	.5	-	.3	-
500 to 599 miles	332	100.0	30.7	61.1	6.9	.4	.6	.3	-
600 to 799 miles	403	100.0	18.9	59.0	21.5	.4	-	.2	-
800 to 999 miles	251	100.0	45.6	32.9	19.2	2.0	.1	.2	-
1,000 to 1,199 miles	112	100.0	38.2	36.2	23.7	.3	.2	.3	1.1
1,200 to 1,499 miles	70	100.0	33.2	33.6	32.4	.4	-	.4	-
1,500 to 1,999 miles	107	100.0	48.2	46.6	3.3	1.5	-	.4	-
2,000 miles and over	79	100.0	71.9	25.7	.1	1.7	.3	.3	-
TON-MILES	(millions of ton-miles)								
Total	2,108	100.0	32.3	51.0	14.5	.8	.9	.3	.2
Under 50 miles	33	100.0	13.8	49.7	36.2	-	.1	.1	.1
50 to 99 miles	58	100.0	10.9	67.8	20.2	-	-	1.1	-
100 to 199 miles	168	100.0	7.6	69.6	20.6	.1	-	.1	2.0
200 to 299 miles	211	100.0	12.5	65.4	13.7	.7	7.5	.2	-
300 to 399 miles	168	100.0	31.0	57.3	10.8	.7	-	.1	.1
400 to 499 miles	199	100.0	34.4	56.4	8.4	.5	-	.3	-
500 to 599 miles	184	100.0	30.2	61.6	6.9	.4	.6	.3	-
600 to 799 miles	278	100.0	18.4	58.7	22.2	.4	-	.3	-
800 to 999 miles	225	100.0	46.0	32.4	19.4	1.9	.1	.2	-
1,000 to 1,199 miles	119	100.0	38.5	36.2	23.4	.3	.2	.4	1.0
1,200 to 1,499 miles	94	100.0	32.6	33.4	33.2	.4	-	.4	-
1,500 to 1,999 miles	192	100.0	49.2	46.2	2.8	1.4	-	.4	-
2,000 miles and over	179	100.0	72.1	25.0	.2	1.8	.6	.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 173--Percent Distribution of Weight, by Means of Transport: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	6,108	100.0	20.0	59.5	18.4	2.1
Under 1,000 pounds	327	100.0	3.2	71.2	19.2	6.4
Under 50 pounds	10	100.0	2.8	39.9	16.8	40.5
50 to 99 pounds	18	100.0	3.0	62.0	19.8	15.2
100 to 199 pounds	42	100.0	2.4	72.5	15.6	9.5
200 to 499 pounds	120	100.0	2.6	72.5	20.6	4.3
500 to 999 pounds	137	100.0	4.0	73.3	19.2	3.5
1,000 to 9,999 pounds	1,167	100.0	3.6	75.3	20.3	.8
1,000 to 1,999 pounds	206	100.0	2.9	76.5	19.8	.8
2,000 to 2,999 pounds	179	100.0	1.8	85.7	12.2	.3
3,000 to 3,999 pounds	115	100.0	1.6	81.3	16.6	.5
4,000 to 4,999 pounds	127	100.0	1.5	79.0	19.2	.3
5,000 to 9,999 pounds	540	100.0	5.5	69.0	24.2	1.3
10,000 to 29,999 pounds	1,899	100.0	22.3	54.6	22.7	.4
10,000 to 19,999 pounds	1,002	100.0	22.3	60.2	17.3	.2
20,000 to 29,999 pounds	897	100.0	22.2	48.8	28.7	.3
30,000 to 59,999 pounds	2,065	100.0	14.4	65.1	18.6	1.9
30,000 to 39,999 pounds	757	100.0	14.4	65.9	15.6	4.1
40,000 to 49,999 pounds	880	100.0	12.1	57.5	30.2	.2
50,000 to 59,999 pounds	428	100.0	19.3	79.7	-	1.0
60,000 to 89,999 pounds	190	100.0	65.2	26.8	5.7	2.3
60,000 to 69,999 pounds	53	100.0	44.7	55.3	-	-
70,000 to 79,999 pounds	81	100.0	68.0	18.7	13.3	-
80,000 to 89,999 pounds	56	100.0	80.7	11.4	-	7.9
90,000 pounds and over	460	100.0	70.6	18.4	-	11.0
TON-MILES	(millions of ton-miles)					
Total	2,057	100.0	32.5	50.9	14.4	2.2
Under 1,000 pounds	127	100.0	8.7	77.3	3.8	10.2
Under 50 pounds	4	100.0	7.5	38.7	2.2	51.6
50 to 99 pounds	8	100.0	6.9	66.5	4.0	22.6
100 to 199 pounds	20	100.0	5.9	76.4	2.0	15.7
200 to 499 pounds	45	100.0	8.4	80.9	3.4	7.3
500 to 999 pounds	50	100.0	10.5	79.2	4.8	5.5
1,000 to 9,999 pounds	411	100.0	7.9	77.5	13.8	.8
1,000 to 1,999 pounds	74	100.0	6.8	87.0	4.8	1.4
2,000 to 2,999 pounds	60	100.0	5.1	88.4	5.9	.6
3,000 to 3,999 pounds	48	100.0	3.0	89.8	6.9	.3
4,000 to 4,999 pounds	39	100.0	3.8	89.3	6.0	.9
5,000 to 9,999 pounds	190	100.0	11.3	64.7	23.2	.8
10,000 to 29,999 pounds	753	100.0	38.5	37.6	23.3	.6
10,000 to 19,999 pounds	363	100.0	42.1	45.6	11.3	1.0
20,000 to 29,999 pounds	390	100.0	35.1	30.3	34.4	.2
30,000 to 59,999 pounds	551	100.0	37.0	51.6	10.4	1.0
30,000 to 39,999 pounds	232	100.0	31.6	55.5	11.4	1.5
40,000 to 49,999 pounds	220	100.0	36.5	48.9	14.1	.5
50,000 to 59,999 pounds	99	100.0	50.6	48.3	-	1.1
60,000 to 89,999 pounds	73	100.0	71.3	20.8	2.9	5.0
60,000 to 69,999 pounds	35	100.0	70.6	29.4	-	-
70,000 to 79,999 pounds	16	100.0	67.8	19.2	13.0	-
80,000 to 89,999 pounds	22	100.0	74.9	8.2	-	16.9
90,000 pounds and over	142	100.0	56.4	33.1	-	10.5

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 173--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	6,108	100.0	20.0	59.5	18.4	2.1
Under 200 miles	3,063	100.0	12.2	63.1	23.4	1.3
Under 1,000 pounds	157	100.0	.1	59.3	38.0	2.6
1,000 to 9,999 pounds	594	100.0	.9	70.9	27.9	.3
10,000 to 29,999 pounds	822	100.0	7.8	70.0	21.8	.4
30,000 to 59,999 pounds	1,203	100.0	4.8	67.5	25.1	2.6
60,000 to 89,999 pounds	83	100.0	71.5	15.4	13.1	-
90,000 pounds and over	204	100.0	92.6	7.4	-	-
200 to 399 miles	1,302	100.0	18.7	63.4	12.9	5.0
Under 1,000 pounds	57	100.0	1.0	87.1	2.0	9.9
1,000 to 9,999 pounds	193	100.0	3.0	84.0	9.5	3.5
10,000 to 29,999 pounds	430	100.0	21.5	56.6	21.9	-
30,000 to 59,999 pounds	451	100.0	14.1	73.2	12.1	.6
60,000 to 89,999 pounds	45	100.0	30.9	69.1	-	-
90,000 pounds and over	126	100.0	53.1	6.5	-	40.4
400 to 599 miles	755	100.0	32.4	58.7	7.8	1.1
Under 1,000 pounds	43	100.0	6.1	82.2	1.7	10.0
1,000 to 9,999 pounds	171	100.0	7.7	82.8	8.6	.9
10,000 to 29,999 pounds	273	100.0	49.4	38.5	12.1	-
30,000 to 59,999 pounds	183	100.0	30.0	62.9	5.9	1.2
60,000 to 89,999 pounds	24	100.0	100.0	-	-	-
90,000 pounds and over	61	100.0	23.7	76.3	-	-
600 to 999 miles	630	100.0	29.7	48.8	20.3	1.2
Under 1,000 pounds	43	100.0	8.3	82.7	1.1	7.9
1,000 to 9,999 pounds	136	100.0	6.6	73.7	19.5	.2
10,000 to 29,999 pounds	217	100.0	19.0	39.8	41.2	-
30,000 to 59,999 pounds	163	100.0	45.5	47.4	7.1	-
60,000 to 89,999 pounds	17	100.0	34.7	39.8	-	25.5
90,000 pounds and over	54	100.0	100.0	-	-	-
1,000 miles and over	358	100.0	48.1	35.5	14.7	1.7
Under 1,000 pounds	27	100.0	12.9	70.6	3.5	13.0
1,000 to 9,999 pounds	74	100.0	12.6	70.7	15.9	.8
10,000 to 29,999 pounds	155	100.0	57.9	18.1	22.4	1.6
30,000 to 59,999 pounds	66	100.0	72.6	19.6	7.8	-
60,000 to 89,999 pounds	21	100.0	100.0	-	-	-
90,000 pounds and over	15	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,057	100.0	32.5	50.9	14.4	2.2
Under 200 miles	254	100.0	9.2	67.5	21.6	1.7
Under 1,000 pounds	11	100.0	.2	76.1	20.7	3.0
1,000 to 9,999 pounds	46	100.0	1.2	79.3	19.3	.2
10,000 to 29,999 pounds	77	100.0	8.2	69.8	21.8	.2
30,000 to 59,999 pounds	102	100.0	2.8	69.3	24.3	3.6
60,000 to 89,999 pounds	7	100.0	41.7	26.4	31.9	-
90,000 pounds and over	11	100.0	94.9	5.1	-	-
200 to 399 miles	370	100.0	20.6	61.7	12.6	5.1
Under 1,000 pounds	17	100.0	1.0	86.9	1.9	10.2
1,000 to 9,999 pounds	55	100.0	3.0	84.2	9.9	2.9
10,000 to 29,999 pounds	128	100.0	21.7	57.0	21.3	-
30,000 to 59,999 pounds	117	100.0	16.9	70.7	11.7	.7
60,000 to 89,999 pounds	13	100.0	34.7	65.3	-	-
90,000 pounds and over	40	100.0	55.9	6.6	-	37.5

See footnote at end of table.

TABLE 3. SHIPPER CLASS 173--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Metal Stampings and Metal Plating, Polishing, and Engraving

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	377	100.0	32.2	59.0	7.8	1.0
Under 1,000 pounds	21	100.0	6.3	82.0	1.7	10.0
1,000 to 9,999 pounds	85	100.0	7.7	82.5	9.0	.8
10,000 to 29,999 pounds	137	100.0	49.4	38.6	12.0	-
30,000 to 59,999 pounds	90	100.0	30.6	62.4	5.8	1.2
60,000 to 89,999 pounds	12	100.0	100.0	-	-	-
90,000 pounds and over	32	100.0	20.4	79.6	-	-
600 to 999 miles	486	100.0	31.4	46.6	20.7	1.3
Under 1,000 pounds	33	100.0	8.7	82.4	1.2	7.7
1,000 to 9,999 pounds	104	100.0	7.1	72.4	20.3	.2
10,000 to 29,999 pounds	167	100.0	19.3	38.0	42.7	-
30,000 to 59,999 pounds	128	100.0	50.3	43.3	6.4	-
60,000 to 89,999 pounds	14	100.0	39.5	34.6	-	25.9
90,000 pounds and over	40	100.0	100.0	-	-	-
1,000 miles and over	570	100.0	52.0	34.7	11.3	2.0
Under 1,000 pounds	45	100.0	14.9	68.0	3.1	14.0
1,000 to 9,999 pounds	121	100.0	13.6	74.1	11.5	.8
10,000 to 29,999 pounds	245	100.0	63.8	16.6	17.9	1.7
30,000 to 59,999 pounds	114	100.0	78.2	16.9	4.9	-
60,000 to 89,999 pounds	27	100.0	100.0	-	-	-
90,000 pounds and over	18	100.0	-	100.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 173--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	6,320	100.0	19.8	58.5	19.5	0.4	0.9	0.4	0.5
New England	153	100.0	6.4	59.9	31.8	.5	.5	.9	-
Middle Atlantic	1,037	100.0	38.0	56.9	4.2	.5	.1	.3	-
East North Central	4,221	100.0	18.7	63.0	15.5	.4	1.3	.4	.7
West North Central	106	100.0	1.9	96.5	.9	.3	-	.4	-
South Atlantic	154	100.0	16.9	53.9	28.9	.2	.1	-	-
East South Central	180	100.0	5.1	54.5	39.1	.1	-	-	1.2
Pacific[1]	89	100.0	2.2	42.2	54.8	.5	-	.3	-
Balance of U.S.[2]	380	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,108	100.0	32.3	51.0	14.5	.8	.9	.3	.2
New England	61	100.0	20.1	71.2	6.9	.7	-	1.1	-
Middle Atlantic	505	100.0	47.3	48.7	2.8	.8	.1	.3	-
East North Central	1,153	100.0	34.0	56.0	6.9	.9	1.5	.3	.4
West North Central	47	100.0	4.0	94.7	.6	.2	-	.5	-
South Atlantic	65	100.0	17.3	65.6	16.8	.3	-	-	-
East South Central	60	100.0	16.8	48.6	34.0	.2	-	-	.4
Pacific[1]	13	100.0	19.2	61.4	12.7	5.5	-	1.2	-
Balance of U.S.[2]	204	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 173--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	6,320	6,320	227	819	3,362	376	430	381	389	85	251
Ton-miles.....millions..	2,108	2,108	85	236	566	193	214	151	224	91	348
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	6,320	100.0	3.6	13.0	53.2	6.0	6.8	6.0	6.1	1.3	4.0
Shipments from--											
New England.....	153	100.0	32.3	24.2	7.0	.6	23.0	3.9	7.7	.2	1.1
Middle Atlantic.....	1,037	100.0	11.9	28.8	31.3	4.0	9.9	4.1	5.0	1.4	3.6
East North Central.....	4,221	100.0	.7	9.1	67.7	6.7	4.9	4.8	2.8	.5	2.8
West North Central.....	106	100.0	11.7	7.6	49.2	19.6	2.4	4.2	2.4	.4	2.5
South Atlantic.....	154	100.0	2.0	32.4	21.0	3.9	33.8	3.1	1.6	.2	2.0
East South Central.....	180	100.0	1.2	2.0	23.4	5.7	7.1	50.3	8.1	-	2.2
Pacific[2].....	89	100.0	-	.6	.6	1.0	.1	-	.4	5.0	92.3
Balance of U.S.[3].....	380	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	2,108	100.0	4.0	11.2	26.8	9.2	10.2	7.2	10.6	4.3	16.5
Shipments from--											
New England.....	61	100.0	3.2	7.1	11.9	1.8	34.3	9.1	24.5	.9	7.2
Middle Atlantic.....	505	100.0	7.1	9.2	30.4	7.3	6.1	5.9	11.6	4.6	17.8
East North Central.....	1,153	100.0	1.8	10.8	27.7	11.7	10.5	6.3	8.8	2.5	19.9
West North Central.....	47	100.0	27.1	14.9	26.9	9.1	4.9	4.3	3.1	1.1	8.6
South Atlantic.....	65	100.0	1.9	19.6	29.1	7.2	24.9	3.6	3.2	.7	9.8
East South Central.....	60	100.0	2.9	6.2	33.9	7.6	8.0	23.8	6.4	-	11.2
Pacific[2].....	13	100.0	.1	9.6	7.0	10.5	1.0	.2	3.6	20.2	47.8
Balance of U.S.[3].....	204	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 173--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	6,320	100.0	19.8	58.5	19.5	0.4	0.9	0.4	0.5
Middle Atlantic, total	1,037	100.0	38.0	56.9	4.2	.5	.1	.3	-
Shipments to--									
New England	123	100.0	20.5	78.6	.4	.1	-	.4	-
Middle Atlantic	298	100.0	17.9	73.7	6.8	1.1	.2	.3	-
East North Central	324	100.0	48.5	48.7	2.5	.2	-	.1	-
South Atlantic	103	100.0	49.3	42.2	8.1	-	-	.4	-
East South Central	43	100.0	44.9	41.4	12.9	.2	-	.6	-
West South Central	52	100.0	58.1	41.7	-	-	-	.2	-
East North Central, total	4,221	100.0	18.7	63.0	15.5	.4	1.3	.4	.7
Shipments to--									
New England	30	100.0	12.1	78.6	7.8	1.2	-	.3	-
Middle Atlantic	383	100.0	47.9	41.4	9.9	.3	-	.5	-
East North Central	2,860	100.0	10.0	68.2	20.2	.2	-	.5	.9
West North Central	283	100.0	32.4	60.6	5.7	.4	.8	.1	-
South Atlantic	205	100.0	31.9	65.7	.7	.6	-	.4	.7
East South Central	202	100.0	2.5	60.8	8.0	2.2	26.4	.1	-
West South Central	116	100.0	58.1	39.9	1.2	.4	.3	.1	-
Pacific	120	100.0	62.7	36.0	.1	.8	.1	.3	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,108	100.0	32.3	51.0	14.5	.8	.9	.3	.2
Middle Atlantic, total	505	100.0	47.3	48.7	2.8	.8	.1	.3	-
Shipments to--									
New England	36	100.0	30.9	68.3	.4	.1	-	.3	-
Middle Atlantic	46	100.0	14.3	80.0	3.4	2.1	-	.2	-
East North Central	153	100.0	43.3	53.8	2.6	.2	-	.1	-
South Atlantic	31	100.0	45.9	40.9	12.1	.1	.1	.9	-
East South Central	30	100.0	36.0	48.6	14.6	.2	-	.6	-
West South Central	59	100.0	56.6	43.2	-	-	-	.2	-
East North Central, total	1,153	100.0	34.0	56.0	6.9	.9	1.5	.3	.4
Shipments to--									
New England	21	100.0	9.0	80.4	9.3	1.0	-	.3	-
Middle Atlantic	124	100.0	36.6	52.8	9.6	.4	-	.6	-
East North Central	321	100.0	9.9	73.8	14.5	.5	-	.3	1.0
West North Central	135	100.0	34.4	58.3	5.9	.5	.8	.1	-
South Atlantic	122	100.0	37.4	59.8	.7	.5	-	.5	1.1
East South Central	73	100.0	2.1	59.7	11.4	5.1	21.6	.1	-
West South Central	101	100.0	61.1	36.8	1.1	.5	.4	.1	-
Pacific	229	100.0	63.4	35.1	.1	.8	.2	.4	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 173--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	6,320	2,107	2,672	1,541	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,108	596	734	778
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	19.8	3.1	14.7	51.4	32.3	9.0	18.5	63.3
Motor carrier.....	58.5	70.1	61.9	37.2	51.0	57.2	68.8	29.5
Private truck.....	19.5	25.0	22.3	6.9	14.5	32.2	11.6	3.5
Air.....	.4	.6	.2	.5	.8	1.0	.5	.9
Water.....	.9	-	-	3.6	.9	-	-	2.3
Other.....	.4	.1	.7	.2	.3	.1	.5	.3
Unknown.....	.5	1.1	.2	.2	.2	.5	.1	.2
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	30.8	33.0	39.0	14.0	4.3	6.1	6.1	1.3
100 to 199 miles.....	19.8	26.7	16.6	15.9	8.0	12.5	8.2	4.3
200 to 299 miles.....	13.5	11.6	13.8	15.3	10.0	9.8	12.4	7.9
300 to 399 miles.....	7.6	6.6	7.1	9.9	8.0	8.1	8.9	6.9
400 to 499 miles.....	6.9	2.8	6.8	12.6	9.4	4.3	11.5	11.5
500 to 999 miles.....	15.6	15.5	12.7	20.6	32.6	40.0	31.8	27.6
1,000 miles and over.....	5.8	3.8	4.0	11.7	27.7	19.2	21.1	40.5

Table 8. SHIPPER CLASS 173--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Metal Stampings and Metal Plating, Polishing, and Engraving

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	23.7	16.3	34.9	79.6
Highway facilities	83.3	83.7	82.9	79.4
Rail and highway facilities	12.1	5.6	22.1	61.8
Air facilities	84.1	82.7	87.7	75.3
Rail, highway, and air facilities	9.0	2.8	18.8	52.0
Water facilities	20.7	21.9	17.9	22.1
Rail, highway, air, and water facilities	3.2	2.8	2.9	17.1

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.2 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 174--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	5,179	100.0	21.2	55.9	22.0	0.2	0.1	0.6	-
Under 50 miles	630	100.0	5.5	32.7	61.5	-	-	.3	-
50 to 99 miles	492	100.0	5.1	50.0	44.1	-	.2	.6	-
100 to 199 miles	815	100.0	12.9	61.4	25.2	-	-	.5	-
200 to 299 miles	778	100.0	16.2	69.8	13.0	.1	-	.9	-
300 to 399 miles	524	100.0	20.6	68.2	10.6	-	-	.5	0.1
400 to 499 miles	395	100.0	34.0	48.0	17.5	.1	-	.4	-
500 to 599 miles	350	100.0	17.1	71.9	9.9	.3	-	.8	-
600 to 799 miles	417	100.0	18.4	73.5	7.4	.1	-	.5	.1
800 to 999 miles	356	100.0	67.4	29.6	2.1	.3	.1	.5	-
1,000 to 1,199 miles	85	100.0	32.4	56.5	9.9	.7	-	.5	-
1,200 to 1,499 miles	61	100.0	30.2	62.8	4.7	1.7	-	.6	-
1,500 to 1,999 miles	203	100.0	53.2	34.1	11.1	.2	.1	1.3	-
2,000 miles and over	73	100.0	45.9	47.4	.4	3.0	2.6	.7	-
TON-MILES	(millions of ton-miles)								
Total	2,217	100.0	34.5	53.6	10.4	.4	.4	.7	-
Under 50 miles	20	100.0	4.9	28.1	66.8	-	-	.2	-
50 to 99 miles	35	100.0	5.4	52.3	41.5	-	.2	.6	-
100 to 199 miles	120	100.0	12.7	62.9	23.9	-	-	.5	-
200 to 299 miles	195	100.0	16.2	69.6	13.2	.1	-	.9	-
300 to 399 miles	178	100.0	19.6	69.5	10.3	-	-	.5	.1
400 to 499 miles	177	100.0	34.5	47.5	17.5	.1	-	.4	-
500 to 599 miles	195	100.0	17.1	72.4	9.5	.3	-	.7	-
600 to 799 miles	280	100.0	18.4	73.3	7.6	.1	-	.5	.1
800 to 999 miles	307	100.0	66.4	30.5	2.2	.3	.1	.5	-
1,000 to 1,199 miles	93	100.0	33.0	56.1	9.7	.7	-	.5	-
1,200 to 1,499 miles	81	100.0	30.0	63.3	4.5	1.6	-	.6	-
1,500 to 1,999 miles	369	100.0	54.7	32.9	10.9	.2	.1	1.2	-
2,000 miles and over	167	100.0	44.8	46.3	.4	2.9	4.8	.8	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 174--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,884	100.0	21.9	54.6	22.6	0.9
Under 1,000 pounds	439	100.0	1.0	88.3	4.8	5.9
Under 50 pounds	16	100.0	.5	39.0	2.9	57.6
50 to 99 pounds	23	100.0	.6	79.7	4.2	15.5
100 to 199 pounds	52	100.0	1.0	91.1	2.5	5.4
200 to 499 pounds	171	100.0	1.0	92.7	3.5	2.8
500 to 999 pounds	177	100.0	1.0	89.2	7.0	2.8
1,000 to 9,999 pounds	1,315	100.0	3.7	69.7	25.7	.9
1,000 to 1,999 pounds	274	100.0	1.3	87.1	9.9	1.7
2,000 to 2,999 pounds	200	100.0	1.2	79.7	17.7	1.4
3,000 to 3,999 pounds	142	100.0	1.9	71.9	23.6	2.6
4,000 to 4,999 pounds	141	100.0	1.9	72.2	25.7	.2
5,000 to 9,999 pounds	558	100.0	6.7	56.2	36.9	.2
10,000 to 29,999 pounds	1,344	100.0	22.6	47.5	29.8	.1
10,000 to 19,999 pounds	799	100.0	26.4	47.8	25.7	.1
20,000 to 29,999 pounds	545	100.0	17.0	47.0	35.8	.2
30,000 to 59,999 pounds	1,305	100.0	33.5	53.3	13.2	-
30,000 to 39,999 pounds	677	100.0	32.7	54.7	12.5	.1
40,000 to 49,999 pounds	512	100.0	30.6	52.2	17.2	-
50,000 to 59,999 pounds	116	100.0	50.7	49.3	-	-
60,000 to 89,999 pounds	183	100.0	82.0	16.9	1.1	-
60,000 to 69,999 pounds	55	100.0	82.5	17.5	-	-
70,000 to 79,999 pounds	86	100.0	72.9	24.8	2.3	-
80,000 to 89,999 pounds	42	100.0	100.0	-	-	-
90,000 pounds and over	298	100.0	42.1	.4	57.5	-
TON-MILES	(millions of ton-miles)					
Total	2,104	100.0	35.2	52.8	10.6	1.4
Under 1,000 pounds	229	100.0	2.2	88.5	2.4	6.9
Under 50 pounds	9	100.0	1.1	35.7	1.0	62.2
50 to 99 pounds	11	100.0	1.4	80.2	2.1	16.3
100 to 199 pounds	28	100.0	2.2	89.2	1.2	7.4
200 to 499 pounds	93	100.0	2.7	92.6	1.7	3.0
500 to 999 pounds	88	100.0	2.0	90.5	3.6	3.9
1,000 to 9,999 pounds	503	100.0	4.9	80.3	12.0	2.8
1,000 to 1,999 pounds	155	100.0	2.4	90.7	3.8	3.1
2,000 to 2,999 pounds	79	100.0	1.3	81.7	11.6	5.4
3,000 to 3,999 pounds	50	100.0	3.6	81.4	8.6	6.4
4,000 to 4,999 pounds	43	100.0	6.1	80.7	13.1	.1
5,000 to 9,999 pounds	176	100.0	8.9	70.0	20.1	1.0
10,000 to 29,999 pounds	428	100.0	24.6	52.5	22.4	.5
10,000 to 19,999 pounds	232	100.0	26.0	57.8	15.6	.6
20,000 to 29,999 pounds	196	100.0	23.0	46.2	30.4	.4
30,000 to 59,999 pounds	672	100.0	55.2	37.4	7.4	-
30,000 to 39,999 pounds	327	100.0	51.7	41.4	6.9	-
40,000 to 49,999 pounds	260	100.0	53.2	36.4	10.4	-
50,000 to 59,999 pounds	85	100.0	75.2	24.8	-	-
60,000 to 89,999 pounds	156	100.0	82.9	15.2	1.9	-
60,000 to 69,999 pounds	35	100.0	98.2	1.8	-	-
70,000 to 79,999 pounds	77	100.0	66.1	30.0	3.9	-
80,000 to 89,999 pounds	44	100.0	100.0	-	-	-
90,000 pounds and over	116	100.0	90.8	.7	8.5	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 174--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,884	100.0	21.9	54.6	22.6	0.9
Under 200 miles	1,827	100.0	9.0	47.7	42.7	.6
Under 1,000 pounds	138	100.0	.2	84.2	10.1	5.5
1,000 to 9,999 pounds	584	100.0	1.5	54.3	43.7	.5
10,000 to 29,999 pounds	542	100.0	17.7	40.9	41.4	-
30,000 to 59,999 pounds	348	100.0	6.8	59.9	33.3	-
60,000 to 89,999 pounds	23	100.0	64.8	35.2	-	-
90,000 pounds and over	192	100.0	11.2	-	88.8	-
200 to 399 miles	1,216	100.0	19.3	67.3	12.6	.8
Under 1,000 pounds	93	100.0	.3	91.9	2.4	5.4
1,000 to 9,999 pounds	310	100.0	5.2	80.9	12.8	1.1
10,000 to 29,999 pounds	430	100.0	26.8	50.9	22.0	.3
30,000 to 59,999 pounds	344	100.0	18.8	76.2	4.9	.1
60,000 to 89,999 pounds	22	100.0	92.8	7.2	-	-
90,000 pounds and over	17	100.0	100.0	-	-	-
400 to 599 miles	712	100.0	27.3	57.7	14.3	.7
Under 1,000 pounds	69	100.0	.3	90.3	2.8	6.6
1,000 to 9,999 pounds	173	100.0	5.6	79.6	14.6	.2
10,000 to 29,999 pounds	180	100.0	27.8	39.1	33.1	-
30,000 to 59,999 pounds	231	100.0	32.4	61.1	6.5	-
60,000 to 89,999 pounds	30	100.0	100.0	-	-	-
90,000 pounds and over	29	100.0	100.0	-	-	-
600 to 999 miles	712	100.0	40.5	53.3	5.4	.8
Under 1,000 pounds	80	100.0	1.7	90.1	2.3	5.9
1,000 to 9,999 pounds	149	100.0	7.6	83.7	8.3	.4
10,000 to 29,999 pounds	163	100.0	22.4	69.0	8.6	-
30,000 to 59,999 pounds	249	100.0	72.9	23.1	4.0	-
60,000 to 89,999 pounds	45	100.0	73.0	27.0	-	-
90,000 pounds and over	26	100.0	95.7	4.3	-	-
1,000 miles and over	417	100.0	45.0	45.0	7.6	2.4
Under 1,000 pounds	59	100.0	3.6	88.2	1.5	6.7
1,000 to 9,999 pounds	100	100.0	3.0	86.2	5.6	5.2
10,000 to 29,999 pounds	30	100.0	20.9	49.7	27.2	2.2
30,000 to 59,999 pounds	134	100.0	69.3	19.4	11.3	-
60,000 to 89,999 pounds	62	100.0	82.3	14.6	3.1	-
90,000 pounds and over	32	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,104	100.0	35.2	52.8	10.6	1.4
Under 200 miles	161	100.0	11.3	54.6	33.6	.5
Under 1,000 pounds	14	100.0	.2	87.8	6.8	5.2
1,000 to 9,999 pounds	51	100.0	1.8	59.3	38.5	.4
10,000 to 29,999 pounds	51	100.0	22.9	44.5	32.6	-
30,000 to 59,999 pounds	32	100.0	8.4	70.3	21.3	-
60,000 to 89,999 pounds	1	100.0	73.1	26.9	-	-
90,000 pounds and over	12	100.0	19.1	-	80.9	-
200 to 399 miles	345	100.0	19.3	67.4	12.4	.9
Under 1,000 pounds	27	100.0	.3	91.6	2.8	5.3
1,000 to 9,999 pounds	87	100.0	5.7	80.5	12.6	1.2
10,000 to 29,999 pounds	120	100.0	26.6	50.9	22.3	.2
30,000 to 59,999 pounds	99	100.0	18.3	77.2	4.4	.1
60,000 to 89,999 pounds	7	100.0	93.2	6.8	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 174--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	356	100.0	26.5	59.2	13.6	0.7
Under 1,000 pounds	34	100.0	.3	89.9	2.9	6.9
1,000 to 9,999 pounds	85	100.0	5.1	80.6	14.1	.2
10,000 to 29,999 pounds	90	100.0	26.9	41.1	32.0	-
30,000 to 59,999 pounds	117	100.0	30.7	63.6	5.7	-
60,000 to 89,999 pounds	16	100.0	100.0	-	-	-
90,000 pounds and over	14	100.0	100.0	-	-	-
600 to 999 miles	539	100.0	42.7	51.3	5.2	.8
Under 1,000 pounds	61	100.0	1.7	89.8	2.4	6.1
1,000 to 9,999 pounds	113	100.0	7.7	83.5	8.3	.5
10,000 to 29,999 pounds	119	100.0	23.6	68.1	8.3	-
30,000 to 59,999 pounds	190	100.0	76.1	20.0	3.9	-
60,000 to 89,999 pounds	34	100.0	78.1	21.9	-	-
90,000 pounds and over	22	100.0	96.4	3.6	-	-
1,000 miles and over	703	100.0	47.1	42.6	7.2	3.1
Under 1,000 pounds	93	100.0	4.1	86.4	1.4	8.1
1,000 to 9,999 pounds	168	100.0	3.6	84.2	5.0	7.2
10,000 to 29,999 pounds	46	100.0	19.3	48.2	28.7	3.8
30,000 to 59,999 pounds	235	100.0	72.5	17.0	10.5	-
60,000 to 89,999 pounds	98	100.0	81.0	15.9	3.1	-
90,000 pounds and over	63	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 174-- Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,179	100.0	21.2	55.9	22.0	0.2	0.1	0.6	-
New England	183	100.0	7.3	65.7	25.2	1.0	.5	.3	-
Middle Atlantic	933	100.0	21.8	61.4	16.2	.1	.1	.4	-
East North Central	1,863	100.0	17.6	61.5	19.3	.2	.1	1.2	0.1
West North Central	273	100.0	29.0	17.7	51.6	.3	.1	1.3	-
South Atlantic	291	100.0	17.1	73.9	8.8	.2	-	-	-
East South Central	1,128	100.0	32.3	54.4	13.3	-	-	-	-
West South Central	394	100.0	2.8	30.2	66.5	.3	.1	.1	-
Mountain[1]	3	-	-	-	-	-	-	-	-
Pacific[2]	111	100.0	44.0	49.5	5.8	.1	.3	.3	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,217	100.0	34.5	53.6	10.4	.4	.4	.7	-
New England	104	100.0	12.9	70.6	14.5	1.2	.1	.7	-
Middle Atlantic	432	100.0	33.6	59.9	5.6	.1	.4	.4	-
East North Central	671	100.0	32.9	57.9	6.1	.7	.7	1.6	.1
West North Central	99	100.0	23.6	22.8	50.0	.7	1.2	1.7	-
South Atlantic	132	100.0	25.2	68.3	6.0	.5	-	-	-
East South Central	578	100.0	48.7	39.4	11.9	-	-	-	-
West South Central	104	100.0	7.3	68.3	22.3	1.5	.4	.2	-
Mountain[1]	3	-	-	-	-	-	-	-	-
Pacific[2]	94	100.0	43.7	52.8	2.4	.3	.3	.5	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 174--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	5,179	5,179	131	711	1,723	451	613	387	810	56	297
Ton-miles.....millions..	2,217	2,217	44	190	393	227	247	168	396	72	480
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	5,179	100.0	2.5	13.7	33.4	8.7	11.8	7.5	15.6	1.1	5.7
Shipments from--											
New England.....	183	100.0	14.2	34.9	19.1	4.2	9.5	8.1	5.6	.6	3.8
Middle Atlantic.....	933	100.0	6.9	32.9	23.2	5.4	15.1	5.1	6.1	1.8	3.5
East North Central.....	1,863	100.0	1.6	11.1	54.9	11.6	7.5	3.9	3.7	1.4	4.3
West North Central.....	273	100.0	.5	2.5	8.8	30.8	2.3	11.3	42.4	.3	1.1
South Atlantic.....	291	100.0	2.8	23.2	29.1	9.4	22.7	9.6	2.9	.1	.2
East South Central.....	1,128	100.0	.2	4.5	28.0	4.9	20.4	15.1	18.4	.2	8.3
West South Central.....	394	100.0	-	1.2	5.5	1.7	2.9	3.3	82.8	1.0	1.6
Mountain[2].....	3	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	111	100.0	.1	1.6	2.0	3.2	1.3	8.7	14.2	3.3	65.6
TON-MILES	(millions)										
U.S. total.....	2,217	100.0	2.0	8.6	17.7	10.3	11.1	7.6	17.9	3.3	21.5
Shipments from--											
New England.....	104	100.0	2.0	10.7	23.0	7.6	10.7	13.0	14.5	1.9	16.6
Middle Atlantic.....	432	100.0	3.1	8.6	18.1	10.3	11.8	8.3	15.6	6.8	17.4
East North Central.....	671	100.0	3.3	11.4	18.6	14.2	11.3	5.0	8.8	4.5	22.9
West North Central.....	99	100.0	1.4	5.9	9.3	19.1	4.9	10.5	42.8	.6	5.5
South Atlantic.....	132	100.0	2.2	12.9	35.0	18.2	13.7	9.0	7.7	.3	1.0
East South Central.....	578	100.0	.3	5.4	14.7	4.4	12.5	6.5	24.6	.5	31.1
West South Central.....	104	100.0	-	5.9	18.9	5.3	10.5	7.3	37.1	4.8	10.2
Mountain[2].....	3	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	94	100.0	.4	4.6	4.3	6.0	3.4	18.0	23.2	2.2	37.9

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER CLASS 174--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	5,179	100.0	21.2	55.9	22.0	0.2	0.1	0.6	-
Middle Atlantic, total	933	100.0	21.8	61.4	16.2	.1	.1	.4	-
Shipments to--									
New England	64	100.0	5.6	83.3	10.8	-	-	.3	-
Middle Atlantic	308	100.0	12.9	60.8	25.6	.1	-	.6	-
East North Central	216	100.0	18.8	65.0	15.9	.1	-	.2	-
South Atlantic	141	100.0	25.6	56.3	17.7	-	-	.4	-
West South Central	57	100.0	57.4	38.2	3.8	.1	.3	.2	-
East North Central, total	1,863	100.0	17.6	61.5	19.3	.2	.1	1.2	0.1
Shipments to--									
New England	29	100.0	8.9	87.9	-	.3	-	2.9	-
Middle Atlantic	208	100.0	8.6	88.0	2.3	.1	-	1.0	-
East North Central	1,023	100.0	11.4	56.2	31.3	-	-	1.0	.1
West North Central	216	100.0	12.3	78.3	8.2	.1	-	1.1	-
South Atlantic	140	100.0	22.7	75.0	1.4	.1	-	.7	.1
East South Central	72	100.0	44.7	43.4	8.3	.1	-	3.5	-
West South Central	69	100.0	36.6	49.3	12.8	.2	-	1.1	-
Pacific	80	100.0	65.2	27.9	.3	2.3	1.5	2.7	.1
East South Central, total	1,128	100.0	32.3	54.4	13.3	-	-	-	-
Shipments to--									
East North Central	315	100.0	23.8	76.2	-	-	-	-	-
South Atlantic	230	100.0	19.1	50.6	30.3	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,217	100.0	34.5	53.6	10.4	.4	.4	.7	-
Middle Atlantic, total	432	100.0	33.6	59.9	5.6	.1	.4	.4	-
Shipments to--									
New England	13	100.0	3.2	89.1	7.4	-	-	.3	-
Middle Atlantic	37	100.0	10.5	78.3	10.5	.1	-	.6	-
East North Central	78	100.0	25.8	65.6	8.2	.1	-	.3	-
South Atlantic	51	100.0	29.1	58.9	11.5	-	-	.5	-
West South Central	68	100.0	54.3	40.1	4.9	.2	.3	.2	-
East North Central, total	671	100.0	32.9	57.9	6.1	.7	.7	1.6	.1
Shipments to--									
New England	22	100.0	9.6	87.3	-	.4	-	2.7	-
Middle Atlantic	77	100.0	10.9	86.5	.9	.2	-	1.4	.1
East North Central	125	100.0	14.8	67.3	16.6	-	-	1.1	.2
West North Central	96	100.0	14.2	77.2	7.3	.1	-	1.2	-
South Atlantic	76	100.0	23.6	73.3	1.8	.1	-	1.0	.2
East South Central	37	100.0	44.2	42.3	10.4	.1	-	3.0	-
West South Central	59	100.0	37.1	49.2	12.3	.3	-	1.1	-
Pacific	154	100.0	64.5	26.9	.3	2.5	3.2	2.5	.1
East South Central, total	578	100.0	48.7	39.4	11.9	-	-	-	-
Shipments to--									
East North Central	85	100.0	26.5	73.5	-	-	-	-	-
South Atlantic	72	100.0	23.4	52.5	24.1	-	-	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 174-- Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	5,179	620	3,170	1,389	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,217	317	1,147	753
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	21.2	5.0	20.1	30.9	34.5	7.6	34.6	45.8
Motor carrier.....	55.9	83.8	46.0	66.4	53.6	89.3	44.6	52.0
Private truck.....	22.0	9.5	33.3	1.8	10.4	1.3	19.4	.7
Air.....	.2	.5	.1	.2	.4	.8	.4	.3
Water.....	.1	.2	-	.1	.4	.2	.3	.6
Other.....	.6	1.0	.5	.6	.7	.8	.7	.6
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	21.7	21.3	28.6	6.4	2.5	2.1	3.8	.6
100 to 199 miles.....	15.7	7.3	18.1	14.0	5.4	2.2	7.5	3.7
200 to 299 miles.....	15.0	15.6	13.0	19.4	8.8	7.4	9.0	9.1
300 to 399 miles.....	10.1	7.9	8.7	14.3	8.0	5.2	8.3	8.8
400 to 499 miles.....	7.6	6.4	8.5	6.1	8.0	5.7	10.5	5.1
500 to 999 miles.....	21.7	29.1	16.8	29.4	35.3	37.5	32.6	38.4
1,000 miles and over.....	8.2	12.4	6.3	10.4	32.0	39.9	28.3	34.3

Table 8. SHIPPER CLASS 174--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Fabricated Wire Products and Other Miscellaneous Fabricated Metal Products

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	41.6	31.6	56.9	63.4
Highway facilities	80.5	81.0	78.6	89.8
Rail and highway facilities	30.8	22.1	43.9	53.3
Air facilities	79.9	80.0	79.8	81.4
Rail, highway, and air facilities	21.2	12.6	34.0	43.1
Water facilities	20.8	22.1	17.9	24.7
Rail, highway, air, and water facilities.	6.5	3.2	11.2	16.4

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

Shipper Group 18

Industrial Machinery, Except Electrical

181 Metalworking machinery and equipment
182 Special industry machinery
183 General industrial machinery and equipment

SAMPLE SIZE

The sample for this shipper group consisted of 428 establishments, of which 393 were in scope and provided data from 52,049 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (35 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 18 and their related SIC industries are as follows:

Shipper Class 181.--Metalworking machinery and equipment
- SIC 3541.--Machine tools, metal cutting types
- SIC 3542.--Machine tools, metal forming types
- SIC 3544.--Special dies and tools, die sets, jigs and fixtures
- SIC 3545.--Machine tool accessories and measuring devices
- SIC 3548.--Metalworking machinery, except machine tools; and power driven hand tools
- SIC 3565.--Industrial patterns

Shipper Class 182.--Special industry machinery
- SIC 3551.--Food products machinery
- SIC 3552.--Textile machinery
- SIC 3553.--Woodworking machinery
- SIC 3554.--Paper industries machinery
- SIC 3555.--Printing trades machinery and equipment
- SIC 3559.--Special industry machinery, n.e.c.

Shipper Class 183.--General industrial machinery and equipment
- SIC 3561.--Pumps, air and gas compressors, and pumping equipment
- SIC 3562.--Ball and roller bearings
- SIC 3564.--Blowers and exhaust and ventilating fans
- SIC 3566.--Mechanical power transmission equipment, except ball and roller bearings
- SIC 3567.--Industrial process furnaces and ovens
- SIC 3569.--General industrial machinery and equipment, n.e.c.
- SIC 3586.--Measuring and dispensing pumps

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
181--Metalworking machinery and equipment . . .	3541,3542,3544,3545, 3548	3541,3542,3544,3545, 3548,3565
182--Special industry machinery	3551,3552,3553,3554, 3555,3559	3551,3552,3553,3554, 3555,3559
183--General industrial machinery and equipment	3561,3562,3564,3566, 3567,3569	3561,3562,3564,3566, 3567,3569,3586

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 76 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 18	6,703	100.0	76.0	24.0
Class 181	1,908	100.0	83.9	16.1
Class 182	1,447	100.0	80.4	19.6
Class 183	3,348	100.0	69.5	30.5

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Industrial Machinery, Except Electrical Shipper Group shipped (beyond the local area) about 6,703,000 tons of commodities during 1967. Those shipments generated about 4 billion ton-miles by all means of transport combined, averaging about 618 straight-line miles per ton shipped.

As shown in table A, the General Industrial Machinery and Equipment Shipper Class dominated this group, shipping about 50 percent of the total tons. The Metalworking Machinery and Equipment Shipper Class shipped 30 percent of the tons and the Special Industry Machinery Shipper Class shipped 20 percent.

Motor carriers, the dominant means of transport, hauled 66 percent of the shipments; rails hauled 17 percent; private trucks hauled 11 percent; and all other means of transport accounted for the balance (6 percent).

When measured in terms of ton-miles, rather than tons, motor carriers continued to dominate, with 57 percent; the rail share increased to 27 percent, the private truck share decreased to 8 percent, and all other means of transport accounted for 8 percent. Of the 4 billion ton-miles for the shipper group, motor carriers accounted for 2.4 billion, and rails for 1.1 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (that is, beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 2 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Industrial Machinery, Except Electrical Shipper Group and each shipper class for both years. An increase for the shipper group is indicated in the table, from 5.8 million tons in 1963 to 6.7 million tons in 1967. A slight decrease is indicated for the Metalworking Machinery and Equipment Shipper Class, the Special Industry Machinery Class shows no change, and an increase of about 1.2 million tons is indicated for the General Industrial Machinery and Equipment Shipper Class.

As shown in table C, the relative distribution by means of transport for the two years is fairly stable for the shipper group: the motor carrier share is about the same, rails show a slight decrease in 1967, and private trucks a slight increase. For the shipper classes, the rail share increased by 10 percent in 1967 for the General Industrial Machinery and Equipment Shipper Class, decreased by about 22 percent for the Metalworking Machinery and Equipment Shipper Class, and decreased by about 4 percent for the Special Industry Machinery Shipper Class. Motor carriers, as the dominant means of transport in both years, shows little change for the shipper group and the shipper classes.

There is a general tendency toward longer hauls in 1967 for the shipper group and for the shipper classes. As shown by table D, this applies to all types of transport except rails in the Special Industry Machinery Shipper Class, where the average length of haul in 1967 is less than in 1963. It should be noted that the average length of haul is based solely on *intercity* (i.e., bevond the local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 18: Industrial machinery, except electrical	6,703	1,151	4,407	745	400
Shipper Classes:					
181. Metalworking machinery and equipment	1,908	191	1,126	275	316
182. Special industry machinery	1,447	181	1,055	191	20
183. General industrial machinery and equipment	3,348	778	2,226	279	65
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 18: Industrial machinery, except electrical	4,145	1,111	2,361	349	324
Shipper Classes:					
181. Metalworking machinery and equipment	987	95	576	65	251
182. Special industry machinery	783	119	571	77	16
183. General industrial machinery and equipment	2,375	897	1,214	207	57

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 18: Industrial machinery, except electrical	6,703	5,786	5,876
Shipper Classes:			
181. Metalworking machinery and equipment	1,908	2,082	2,106
182. Special industry machinery	1,447	1,449	1,488
183. General industrial machinery and equipment	3,348	2,255	2,282

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 18: Industrial machinery, except electrical:					
1967	100.0	17.2	65.7	11.1	6.0
1963	100.0	21.0	65.0	8.2	5.8
Shipper Classes					
181. Metal working machinery and equipment:					
1967	100.0	10.0	59.1	14.4	16.5
1963	100.0	32.4	53.2	6.8	7.6
182. Special industry machinery:					
1967	100.0	12.5	73.0	13.2	1.3
1963	100.0	16.8	71.0	8.5	3.7
183. General industrial machinery and equipment:					
1967	100.0	23.3	66.5	8.3	1.9
1963	100.0	13.2	72.1	9.4	5.3
TON-MILES					
Shipper Group 18: Industrial machinery, except electrical:					
1967	100.0	26.8	57.1	8.4	7.7
1963	100.0	25.4	62.2	4.0	8.4
Shipper Classes					
181. Metalworking machinery and equipment:					
1967	100.0	9.7	58.4	6.6	25.3
1963	100.0	32.7	52.8	3.6	10.9
182. Special industry machinery:					
1967	100.0	15.2	72.8	9.9	2.1
1963	100.0	27.8	62.7	3.6	5.9
183. General industrial machinery and equipment:					
1967	100.0	37.7	51.1	8.7	2.5
1963	100.0	19.2	68.0	4.6	8.2

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 18: Industrial machinery, except electrical:				
1967	618	965	536	468
1963	477	577	456	232
SHIPPER CLASSES				
181. Metalworking machinery and equipment:				
1967	517	497	512	236
1963	382	386	379	203
182. Special industry machinery:				
1967	542	657	541	403
1963	496	820	438	214
183. General industrial machinery and equipment:				
1967	709	1,153	545	742
1963	552	804	521	270

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 18: Industrial Machinery, Except Electrical

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	18.4	68.6	10.0	3.0
1963	100.0	23.0	64.0	7.5	5.5
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	9.3	72.0	15.4	3.3
1963	100.0	18.0	62.5	14.2	5.3
200 to 399 miles:					
1967	100.0	10.8	72.6	14.7	1.9
1963	100.0	28.7	64.5	3.9	2.9
400 miles and over:					
1967	100.0	26.7	65.0	5.0	3.3
1963	100.0	24.6	65.0	3.5	6.9
WEIGHT					
Under 1,000 pounds:					
1967	100.0	1.5	84.4	4.0	10.1
1963	100.0	1.8	78.5	5.1	14.6
1,000 to 9,999 pounds:					
1967	100.0	3.1	85.9	8.1	2.9
1963	100.0	2.4	80.0	11.2	6.4
10,000 to 29,999 pounds:					
1967	100.0	9.9	75.5	12.7	1.9
1963	100.0	12.8	75.1	9.8	2.3
30,000 pounds and over:					
1967	100.0	42.4	44.4	12.0	1.2
1963	100.0	49.1	43.0	4.8	3.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 18: Industrial Machinery, Except Electrical

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	17.2	65.7	11.1	6.0
1963	100.0	21.0	65.0	8.2	5.8
Under 20 employees:					
1967[1]	.	-	-	-	-
1963	100.0	1.3	83.1	10.0	5.6
20 to 99 employees:					
1967	100.0	8.9	59.0	3.4	28.7
1963	100.0	.7	82.9	12.2	4.2
100 to 499 employees:					
1967	100.0	17.9	61.9	18.3	1.9
1963	100.0	11.5	72.1	10.2	6.2
500 employees and over:					
1967	100.0	18.8	70.6	7.5	3.1
1963	100.0	35.8	53.3	5.3	5.6

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 18: Industrial Machinery, Except Electrical

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	17.2	65.7	11.1	6.0
1963	100.0	21.0	65.0	8.2	5.8
New England:					
1967	100.0	6.0	84.3	7.2	2.5
1963	100.0	20.8	58.1	5.9	15.2
Middle Atlantic:					
1967	100.0	17.7	53.0	14.9	14.4
1963	100.0	33.2	61.2	1.8	3.8
East North Central:					
1967	100.0	19.4	71.5	5.8	3.3
1963	100.0	20.8	63.5	10.3	5.4
West North Central:					
1967	100.0	10.5	54.1	33.7	1.7
1963	100.0	2.1	80.1	12.0	5.8
Mountain and Pacific:					
1967	100.0	20.2	50.3	28.0	1.5
1963	100.0	.1	68.1	23.0	8.8

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 18: INDUSTRIAL MACHINERY, EXCEPT ELECTRICAL		
Total shipments	6,703	10.6
Shipments by--		
Rail	1,151	29.0
Motor carrier	4,407	7.8
Private truck	745	39.8
All other	400	-
Shipments from--		
New England Division	549	23.6
Middle Atlantic Division	1,802	23.2
East North Central Division	3,365	15.8
West North Central Division	338	40.8
South Atlantic Division	141	31.0
East South Central Division	83	53.2
West South Central Division	49	64.4
Mountain Division	38	57.0
Pacific Division	338	34.0
SHIPPER CLASS 181: METALWORKING MACHINERY AND EQUIPMENT		
Total shipments	1,908	25.8
Shipments by--		
Rail	191	16.2
Motor carrier	1,126	17.4
Private truck	275	69.6
All other	316	-
Shipments from--		
New England Division	190	27.6
Middle Atlantic Division	730	53.6
East North Central Division	958	18.4
Balance of United States	30	-
SHIPPER CLASS 182: SPECIAL INDUSTRY MACHINERY		
Total shipments	1,447	15.6
Shipments by--		
Rail	181	19.4
Motor carrier	1,055	16.6
Private truck	191	51.0
All other	20	-
Shipments from--		
New England Division	141	24.6
Middle Atlantic Division	335	25.0
East North Central Division	614	22.6
South Atlantic Division	80	42.6
Pacific Division	68	62.4
Balance of United States	209	-
SHIPPER CLASS 183: GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT		
Total shipments	3,348	17.2
Shipments by--		
Rail	778	43.2
Motor carrier	2,226	13.2
Private truck	279	37.8
All other	65	-
Shipments from--		
New England Division	218	58.2
Middle Atlantic Division	736	8.8
East North Central Division	1,793	30.0
West North Central Division	175	38.4
East South Central Division	76	58.6
Pacific Division	269	42.6
Balance of United States	81	-

TABLE 1. SHIPPER GROUP 18--Percent Distribution of Distance, by Means of Transport: 1967

Industrial Machinery, Except Electrical

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	6,703	100.0	17.2	65.7	11.1	0.8	0.3	4.9	-
Under 50 miles	432	100.0	13.3	50.9	27.5	.2	.6	7.5	-
50 to 99 miles	580	100.0	9.8	59.7	24.3	.1	.2	5.9	-
100 to 199 miles	708	100.0	3.9	85.3	5.3	.2	.2	5.1	-
200 to 299 miles	1,035	100.0	10.7	66.1	20.8	.1	-	2.3	-
300 to 399 miles	511	100.0	11.7	82.3	3.7	.4	.1	1.8	-
400 to 499 miles	566	100.0	28.1	61.5	5.6	.5	-	4.3	-
500 to 599 miles	469	100.0	7.5	85.7	1.4	.7	.4	4.3	-
600 to 799 miles	718	100.0	14.1	74.7	2.9	1.8	.1	6.4	-
800 to 999 miles	377	100.0	22.0	66.8	7.2	1.5	-	2.5	-
1,000 to 1,199 miles	253	100.0	12.0	64.4	6.9	1.4	-	15.1	0.2
1,200 to 1,499 miles	187	100.0	27.0	59.0	3.5	.9	-	9.6	-
1,500 to 1,999 miles	648	100.0	51.7	31.6	15.5	.3	-	.9	-
2,000 miles and over	219	100.0	20.7	52.2	.5	6.7	4.4	15.5	-
TON-MILES	(millions of ton-miles)								
Total	4,145	100.0	26.8	57.1	8.4	1.5	.6	5.6	-
Under 50 miles	12	100.0	17.0	52.4	23.7	.1	.1	6.7	-
50 to 99 miles	42	100.0	10.3	60.0	22.8	.1	.2	6.6	-
100 to 199 miles	103	100.0	3.8	85.0	5.3	.2	.3	5.4	-
200 to 299 miles	257	100.0	10.3	65.9	21.3	.1	-	2.4	-
300 to 399 miles	174	100.0	12.5	81.7	3.6	.4	.1	1.7	-
400 to 499 miles	259	100.0	28.7	60.9	5.6	.5	-	4.3	-
500 to 599 miles	257	100.0	7.6	85.7	1.4	.7	.4	4.2	-
600 to 799 miles	500	100.0	14.0	74.9	3.0	1.8	.1	6.2	-
800 to 999 miles	336	100.0	22.3	66.7	7.1	1.5	-	2.4	-
1,000 to 1,199 miles	276	100.0	11.9	64.9	7.1	1.4	-	14.5	.2
1,200 to 1,499 miles	247	100.0	27.1	58.9	3.5	.9	-	9.6	-
1,500 to 1,999 miles	1,165	100.0	52.3	30.8	15.7	.3	-	.9	-
2,000 miles and over	517	100.0	20.2	52.2	.5	6.9	4.7	15.5	-

[1]Distance of shipments of foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 18--Percent Distribution of Weight, by Means of Transport: 1967

Industrial Machinery, Except Electrical

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	6,058	100.0	18.4	68.6	10.0	3.0
Under 1,000 pounds	791	100.0	1.5	84.4	4.0	10.1
Under 50 pounds	54	100.0	1.5	28.6	3.3	66.6
50 to 99 pounds	53	100.0	2.0	73.2	4.9	19.9
100 to 199 pounds	95	100.0	1.1	83.0	7.4	8.5
200 to 499 pounds	267	100.0	1.2	90.5	3.3	5.0
500 to 999 pounds	322	100.0	1.8	91.0	3.6	3.6
1,000 to 9,999 pounds	1,764	100.0	3.1	85.9	8.1	2.9
1,000 to 1,999 pounds	440	100.0	1.8	90.8	5.5	1.9
2,000 to 2,999 pounds	318	100.0	2.1	85.3	10.4	2.2
3,000 to 3,999 pounds	230	100.0	2.8	88.8	6.0	2.4
4,000 to 4,999 pounds	217	100.0	2.8	84.0	4.8	8.4
5,000 to 9,999 pounds	559	100.0	4.9	81.9	11.0	2.2
10,000 to 29,999 pounds	1,339	100.0	9.9	75.5	12.7	1.9
10,000 to 19,999 pounds	692	100.0	4.2	81.2	12.2	2.4
20,000 to 29,999 pounds	647	100.0	15.9	69.6	13.2	1.3
30,000 to 59,999 pounds	1,126	100.0	9.5	68.8	20.3	1.4
30,000 to 39,999 pounds	504	100.0	10.6	68.5	20.6	.3
40,000 to 49,999 pounds	487	100.0	6.3	66.5	24.4	2.8
50,000 to 59,999 pounds	135	100.0	16.8	77.6	4.5	1.1
60,000 to 89,999 pounds	254	100.0	58.5	40.0	1.5	-
60,000 to 69,999 pounds	112	100.0	37.1	62.6	.3	-
70,000 to 79,999 pounds	117	100.0	81.8	18.2	-	-
80,000 to 89,999 pounds	25	100.0	45.3	40.9	13.8	-
90,000 pounds and over	784	100.0	84.5	10.5	3.5	1.5
TON-MILES	(millions of ton-miles)					
Total	3,684	100.0	29.1	59.6	7.6	3.7
Under 1,000 pounds	474	100.0	2.8	84.0	1.3	11.9
Under 50 pounds	32	100.0	1.9	30.4	1.1	66.6
50 to 99 pounds	31	100.0	3.1	71.0	2.0	23.9
100 to 199 pounds	56	100.0	2.1	84.5	1.7	11.7
200 to 499 pounds	159	100.0	2.8	88.7	1.5	7.0
500 to 999 pounds	196	100.0	3.1	91.2	1.0	4.7
1,000 to 9,999 pounds	996	100.0	5.8	83.8	7.4	3.0
1,000 to 1,999 pounds	253	100.0	3.3	90.3	2.2	4.2
2,000 to 2,999 pounds	189	100.0	5.0	86.9	3.9	4.2
3,000 to 3,999 pounds	142	100.0	7.7	85.0	5.2	2.1
4,000 to 4,999 pounds	110	100.0	4.1	86.3	7.3	2.3
5,000 to 9,999 pounds	302	100.0	8.1	75.0	14.9	2.0
10,000 to 29,999 pounds	771	100.0	14.3	66.2	16.3	3.2
10,000 to 19,999 pounds	390	100.0	6.4	70.7	20.0	2.9
20,000 to 29,999 pounds	381	100.0	22.3	61.8	12.5	3.4
30,000 to 59,999 pounds	501	100.0	15.4	68.2	14.9	1.5
30,000 to 39,999 pounds	238	100.0	14.8	71.4	13.1	.7
40,000 to 49,999 pounds	200	100.0	11.3	64.9	21.5	2.3
50,000 to 59,999 pounds	63	100.0	30.6	66.5	1.2	1.7
60,000 to 89,999 pounds	217	100.0	72.6	27.1	.3	-
60,000 to 69,999 pounds	76	100.0	37.2	62.8	-	-
70,000 to 79,999 pounds	125	100.0	94.6	5.4	-	-
80,000 to 89,999 pounds	16	100.0	68.2	27.7	4.1	-
90,000 pound and over	725	100.0	90.5	6.8	.1	2.6

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 18--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Industrial Machinery, Except Electrical

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	6,058	100.0	18.4	68.6	10.0	3.0
Under 200 miles	1,521	100.0	9.3	72.0	15.4	3.3
Under 1,000 pounds	201	100.0	.7	76.2	12.7	10.4
1,000 to 9,999 pounds	490	100.0	.5	75.5	19.1	4.9
10,000 to 29,999 pounds	360	100.0	.9	80.7	16.4	2.0
30,000 to 59,999 pounds	262	100.0	3.6	86.6	9.8	-
60,000 to 89,999 pounds	48	100.0	53.1	41.7	5.2	-
90,000 pounds and over	160	100.0	62.1	20.8	17.1	-
200 to 399 miles	1,478	100.0	10.8	72.6	14.7	1.9
Under 1,000 pounds	175	100.0	.3	90.4	1.2	8.1
1,000 to 9,999 pounds	422	100.0	1.6	95.4	2.2	.8
10,000 to 29,999 pounds	366	100.0	2.6	86.4	10.8	.2
30,000 to 59,999 pounds	372	100.0	6.6	46.4	44.2	2.8
60,000 to 89,999 pounds	38	100.0	56.9	39.9	3.2	-
90,000 pounds and over	105	100.0	91.6	8.4	-	-
400 to 599 miles	961	100.0	19.8	75.5	2.8	1.9
Under 1,000 pounds	122	100.0	.6	90.0	.7	8.7
1,000 to 9,999 pounds	266	100.0	3.2	93.4	1.2	2.2
10,000 to 29,999 pounds	150	100.0	11.1	82.0	6.7	.2
30,000 to 59,999 pounds	235	100.0	6.1	87.8	5.5	.6
60,000 to 89,999 pounds	46	100.0	20.2	79.8	-	-
90,000 pounds and over	142	100.0	98.9	1.1	-	-
600 to 999 miles	979	100.0	18.4	75.3	2.7	3.6
Under 1,000 pounds	162	100.0	2.6	86.6	1.2	9.6
1,000 to 9,999 pounds	309	100.0	4.3	91.7	1.3	2.7
10,000 to 29,999 pounds	249	100.0	33.7	61.7	2.7	1.9
30,000 to 59,999 pounds	180	100.0	18.8	71.6	7.9	1.7
60,000 to 89,999 pounds	27	100.0	76.6	23.4	-	-
90,000 pounds and over	52	100.0	45.9	45.3	-	8.8
1,000 miles and over	1,119	100.0	39.8	47.0	8.9	4.3
Under 1,000 pounds	132	100.0	3.8	81.4	1.1	13.7
1,000 to 9,999 pounds	276	100.0	8.5	76.4	11.8	3.3
10,000 to 29,999 pounds	214	100.0	9.0	59.7	25.4	5.9
30,000 to 59,999 pounds	77	100.0	32.0	52.2	14.8	1.0
60,000 to 89,999 pounds	94	100.0	75.6	24.4	-	-
90,000 pounds and over	326	100.0	93.0	4.8	-	2.2
TON-MILES	(millions of ton-miles)					
Total[1]	3,684	100.0	29.1	59.6	7.6	3.7
Under 200 miles	140	100.0	7.3	80.7	9.5	2.5
Under 1,000 pounds	20	100.0	.7	82.2	6.3	10.8
1,000 to 9,999 pounds	47	100.0	.6	85.0	11.9	2.5
10,000 to 29,999 pounds	34	100.0	1.3	86.7	11.2	.8
30,000 to 59,999 pounds	26	100.0	4.9	88.0	7.1	-
60,000 to 89,999 pounds	4	100.0	36.7	55.4	7.9	-
90,000 pounds and over	9	100.0	71.1	23.4	5.5	-
200 to 399 miles	413	100.0	11.1	73.4	13.7	1.8
Under 1,000 pounds	51	100.0	.4	90.3	1.1	8.2
1,000 to 9,999 pounds	120	100.0	1.7	95.5	2.1	.7
10,000 to 29,999 pounds	101	100.0	2.6	86.6	10.6	.2
30,000 to 59,999 pounds	101	100.0	6.9	48.5	41.9	2.7
60,000 to 89,999 pounds	11	100.0	59.8	36.7	3.5	-
90,000 pounds and over	29	100.0	93.7	6.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 18--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Industrial Machinery, Except Electrical

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	478	100.0	19.1	76.5	2.6	1.8
Under 1,000 pounds	61	100.0	.6	90.0	.7	8.7
1,000 to 9,999 pounds	134	100.0	3.2	93.8	1.1	1.9
10,000 to 29,999 pounds	76	100.0	10.5	82.6	6.7	.2
30,000 to 59,999 pounds	115	100.0	6.3	88.0	5.0	.7
60,000 to 89,999 pounds	25	100.0	19.2	80.8	-	-
90,000 pounds and over	67	100.0	98.8	1.2	-	-
600 to 999 miles	749	100.0	18.9	74.7	2.8	3.6
Under 1,000 pounds	124	100.0	2.8	86.4	1.1	9.7
1,000 to 9,999 pounds	233	100.0	4.2	91.7	1.3	2.8
10,000 to 29,999 pounds	190	100.0	35.0	60.7	2.6	1.7
30,000 to 59,999 pounds	142	100.0	18.8	71.3	8.2	1.7
60,000 to 89,999 pounds	21	100.0	77.2	22.8	-	-
90,000 pounds and over	39	100.0	48.0	43.1	-	8.9
1,000 miles and over	1,904	100.0	41.1	44.9	9.3	4.7
Under 1,000 pounds	219	100.0	4.2	79.7	1.2	14.9
1,000 to 9,999 pounds	462	100.0	8.9	73.9	13.1	4.1
10,000 to 29,999 pounds	370	100.0	8.8	58.2	27.3	5.7
30,000 to 59,999 pounds	118	100.0	29.8	57.3	11.5	1.4
60,000 to 89,999 pounds	156	100.0	82.4	17.6	-	-
90,000 pounds and over	579	100.0	92.6	4.7	-	2.7

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 18--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Industrial Machinery, Except Electrical

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	6,703	100.0	17.2	65.7	11.1	0.8	0.3	4.9	-
New England	549	100.0	6.0	84.3	7.2	.5	.5	1.5	-
Middle Atlantic	1,802	100.0	17.7	53.0	14.9	1.2	.6	12.6	-
East North Central	3,365	100.0	19.4	71.5	5.8	.6	.1	2.6	-
West North Central	338	100.0	10.5	54.1	33.7	1.1	-	.4	0.2
South Atlantic	141	100.0	7.8	73.7	16.5	.1	-	1.9	-
East South Central	83	100.0	17.4	79.5	.6	.6	-	1.9	-
West South Central[1]	49	-	-	-	-	-	-	-	-
Mountain	38	100.0	23.5	75.1	.1	.6	.5	-	.2
Pacific[2]	338	100.0	19.8	47.4	31.2	1.0	.2	.4	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	4,145	100.0	26.8	57.1	8.4	1.5	.6	5.6	-
New England	325	100.0	11.6	83.2	2.0	.9	.1	2.2	-
Middle Atlantic	969	100.0	21.0	48.3	7.0	3.5	1.9	18.3	-
East North Central	2,018	100.0	37.5	57.6	1.8	.7	.3	2.1	-
West North Central	217	100.0	9.4	59.3	28.9	1.7	-	.4	.3
South Atlantic	61	100.0	17.8	74.7	4.9	.3	-	2.3	-
East South Central	51	100.0	14.8	79.4	-	1.0	-	4.8	-
West South Central[1]	32	-	-	-	-	-	-	-	-
Mountain	34	100.0	28.2	69.0	.1	.8	1.8	-	.1
Pacific[2]	438	100.0	13.2	45.3	39.3	1.4	.4	.4	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 18--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Industrial Machinery, Except Electrical

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	6,703	6,703	361	1,361	2,431	381	570	255	450	139	755
Ton-miles.....millions..	4,145	4,145	141	508	892	226	333	189	430	150	1,276
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	6,703	100.0	5.4	20.3	36.2	5.7	8.5	3.8	6.7	2.1	11.3
Shipments from--											
New England.....	549	100.0	20.5	26.5	23.0	5.1	11.3	3.8	4.3	1.1	4.4
Middle Atlantic.....	1,802	100.0	5.4	32.1	35.4	4.7	7.8	2.8	6.3	.4	5.1
East North Central.....	3,365	100.0	3.7	16.3	41.8	4.9	7.6	3.4	6.0	2.1	14.2
West North Central.....	338	100.0	2.1	8.8	30.4	22.0	6.1	7.7	8.4	2.8	11.7
South Atlantic.....	141	100.0	8.5	13.3	5.5	4.5	47.9	7.1	7.9	1.3	4.0
East South Central.....	83	100.0	2.6	10.9	34.1	9.8	11.3	5.4	15.2	5.5	5.2
West South Central[2].....	49	-	-	-	-	-	-	-	-	-	-
Mountain.....	38	100.0	.5	11.9	2.1	16.0	8.9	.4	16.9	12.8	30.5
Pacific[3].....	338	100.0	.8	6.6	33.3	1.9	3.0	7.6	8.3	9.7	28.8
TON-MILES	(millions)										
U.S. total.....	4,145	100.0	3.4	12.2	21.5	5.4	8.0	4.6	10.4	3.6	30.9
Shipments from--											
New England.....	325	100.0	2.3	8.7	27.0	9.9	13.0	6.2	10.5	3.5	18.9
Middle Atlantic.....	969	100.0	1.7	9.4	29.8	8.9	6.6	4.4	15.0	1.3	22.9
East North Central.....	2,018	100.0	4.6	13.8	11.7	3.3	7.9	2.3	8.3	4.5	43.6
West North Central.....	217	100.0	3.6	13.0	21.0	6.1	10.4	8.9	7.4	3.8	25.8
South Atlantic.....	61	100.0	8.2	10.6	7.3	9.0	18.2	6.4	13.9	5.4	21.0
East South Central.....	51	100.0	3.8	11.5	23.8	9.8	8,4	1.8	10.6	12.3	18.0
West South Central[2].....	32	-	-	-	-	-	-	-	-	-	-
Mountain.....	34	100.0	1.0	22.7	2.7	14.7	15.2	.5	21.7	4.0	17.5
Pacific[3].....	438	100.0	1.7	12.2	48.1	2.2	5.2	12.1	9.0	3.2	6.3

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 18 --Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Industrial Machinery, Except Electrical

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	6,703	100.0	17.2	65.7	11.1	0.8	0.3	4.9	-
New England, total	549	100.0	6.0	84.3	7.2	.5	.5	1.5	-
Shipments to--									
New England	113	100.0	1.0	84.7	12.9	.2	-	1.2	-
Middle Atlantic	146	100.0	3.6	80.2	12.6	.2	1.8	1.6	-
East North Central	126	100.0	6.5	91.4	.6	.5	-	1.0	-
West North Central	28	100.0	8.1	88.7	.4	1.4	-	1.4	-
South Atlantic	62	100.0	6.7	83.2	8.7	.2	-	1.2	-
East South Central	21	100.0	9.1	89.1	.1	.2	-	1.5	-
West South Central	23	100.0	11.9	84.6	.9	1.9	-	.7	-
Pacific	24	100.0	27.4	64.8	.5	1.4	-	5.9	-
Middle Atlantic, total	1,802	100.0	17.7	53.0	14.9	1.2	.6	12.6	-
Shipments to--									
New England	97	100.0	.2	61.5	2.1	.3	-	35.9	-
Middle Atlantic	578	100.0	10.2	56.7	25.0	.3	.6	7.2	-
East North Central	638	100.0	22.9	49.5	17.8	.9	-	8.9	-
West North Central	85	100.0	19.5	49.9	.1	.3	-	30.2	-
South Atlantic	141	100.0	14.9	70.0	1.9	1.1	-	12.1	-
East South Central	51	100.0	43.2	39.0	-	.3	-	17.5	-
West South Central	113	100.0	35.0	47.7	4.7	.6	-	12.0	-
Mountain	7	100.0	5.4	85.7	.2	2.6	-	6.1	-
Pacific	92	100.0	15.2	32.9	.9	11.7	8.8	30.5	-
East North Central, total	3,365	100.0	19.4	71.5	5.8	.6	.1	2.6	-
Shipments to--									
New England	126	100.0	8.0	85.0	.3	2.8	-	3.9	-
Middle Atlantic	548	100.0	19.8	73.3	1.6	1.6	.4	3.3	-
East North Central	1,409	100.0	6.6	80.3	10.4	.1	-	2.6	-
West North Central	164	100.0	11.8	78.1	6.0	.3	-	3.8	-
South Atlantic	255	100.0	8.9	87.4	1.3	.3	-	2.1	-
East South Central	113	100.0	11.5	76.5	11.1	.1	-	.8	-
West South Central	202	100.0	27.1	63.6	4.4	.6	-	4.3	-
Mountain	71	100.0	5.6	92.7	-	1.2	-	.5	-
Pacific	477	100.0	68.6	28.8	.6	.3	.2	1.5	-
West North Central, total	338	100.0	10.5	54.1	33.7	1.1	-	.4	0.2
Shipments to--									
Middle Atlantic	30	100.0	.1	63.9	29.2	5.6	-	.7	.5
East North Central	103	100.0	2.3	68.4	28.4	.6	-	.3	-
West North Central	74	100.0	19.8	33.6	46.0	.1	-	.5	-
Pacific, total	338	100.0	19.8	47.4	31.2	1.0	.2	.4	-
Shipments to--									
East North Central	112	100.0	.1	23.6	73.7	2.2	-	.4	-
West South Central	28	100.0	-	58.5	40.7	.3	-	.2	3
Pacific	97	100.0	29.1	60.8	8.8	.2	.6	.5	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 18--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Industrial Machinery, Except Electrical

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES	(millions of ton-miles)								
U.S. total	4,145	100.0	26.8	57.1	8.4	1.5	0.6	5.6	-
New England, total	325	100.0	11.6	83.2	2.0	.9	.1	2.2	-
Shipments to--									
New England	7	100.0	1.2	90.5	7.2	.1	-	1.0	-
Middle Atlantic	28	100.0	3.7	87.5	5.9	.3	1.0	1.6	-
East North Central	88	100.0	7.1	91.1	.5	.4	-	.9	-
West North Central	32	100.0	8.3	88.6	.4	1.4	-	1.3	-
South Atlantic	42	100.0	8.7	82.4	7.4	.2	-	1.3	-
East South Central	20	100.0	10.6	87.8	.1	.2	-	1.3	-
West South Central	34	100.0	11.5	85.0	.8	1.9	-	.8	-
Pacific	62	100.0	27.2	65.0	.5	1.4	-	5.9	-
Middle Atlantic, total	969	100.0	21.0	48.3	7.0	3.5	1.9	18.3	-
Shipments to--									
New England	17	100.0	.3	68.5	4.6	.5	-	26.1	-
Middle Atlantic	91	100.0	6.5	56.1	30.4	.2	.3	6.5	-
East North Central	289	100.0	23.7	53.7	9.9	1.2	-	11.5	-
West North Central	86	100.0	20.6	46.5	.1	.3	-	32.5	-
South Atlantic	64	100.0	9.9	70.3	1.3	1.9	-	16.6	-
East South Central	42	100.0	46.3	34.2	-	.3	-	19.2	-
West South Central	145	100.0	34.9	46.7	5.4	.6	-	12.4	-
Mountain	13	100.0	5.9	85.4	.2	2.6	-	5.9	-
Pacific	222	100.0	15.3	33.1	.9	12.1	8.1	30.5	-
East North Central, total	2,018	100.0	37.5	57.6	1.8	.7	.3	2.1	-
Shipments to--									
New England	92	100.0	9.1	83.5	.3	2.9	-	4.2	-
Middle Atlantic	280	100.0	21.7	72.4	1.1	2.1	.5	2.2	-
East North Central	237	100.0	5.3	89.4	3.9	.2	-	1.2	-
West North Central	66	100.0	8.5	76.4	9.1	.4	-	5.6	-
South Atlantic	160	100.0	6.8	89.7	.9	.5	-	2.1	-
East South Central	47	100.0	12.4	78.7	7.8	.1	-	1.0	-
West South Central	168	100.0	30.1	59.3	4.8	.7	-	5.1	-
Mountain	91	100.0	6.4	92.1	-	1.0	-	.5	-
Pacific	877	100.0	68.1	29.0	.5	.3	.5	1.6	-
West North Central, total	217	100.0	9.4	59.3	28.9	1.7	-	.4	0.3
Shipments to--									
Middle Atlantic	28	100.0	.1	65.9	26.4	6.5	-	.6	.5
East North Central	45	100.0	1.0	75.6	22.3	.8	-	.3	-
West North Central	13	100.0	25.0	40.8	33.1	.2	-	.9	-
Pacific, total	438	100.0	13.2	45.3	39.3	1.4	.4	.4	-
Shipments to--									
East North Central	211	100.0	.1	23.6	73.6	2.3	-	.4	-
West South Central	40	100.0	-	66.7	32.6	.3	-	.1	.3
Pacific	27	100.0	24.7	63.0	5.5	.6	5.8	.4	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 18--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Industrial Machinery, Except Electrical

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	6,703	865	2,584	3,254	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	4,145	608	1,721	1,816
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	17.2	8.9	17.9	18.8	26.8	14.4	36.4	21.9
Motor carrier.....	65.7	59.0	61.9	70.6	57.1	51.9	52.2	63.1
Private truck.....	11.1	3.4	18.3	7.5	8.4	1.5	8.6	10.6
Air.....	.8	1.7	.5	.7	1.5	4.2	.8	1.3
Water.....	.3	.1	.4	.2	.6	.2	1.1	.4
Other.....	4.9	26.9	1.0	2.2	5.6	27.8	.9	2.7
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	15.1	15.6	14.2	15.7	1.3	1.1	1.0	1.6
100 to 199 miles.....	10.6	9.1	9.3	12.0	2.5	1.9	2.0	3.1
200 to 299 miles.....	15.4	9.9	18.1	14.8	6.2	3.5	6.7	6.6
300 to 399 miles.....	7.6	6.7	7.0	8.4	4.2	3.4	3.6	5.1
400 to 499 miles.....	8.4	9.4	5.6	10.4	6.2	6.0	3.8	8.6
500 to 999 miles.....	23.4	23.1	23.5	23.3	26.4	22.6	24.9	29.0
1,000 miles and over.....	19.5	26.2	22.3	15.4	53.2	61.5	58.0	46.0

Table 8. SHIPPER GROUP 18--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Industrial Machinery, Except Electrical

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	27.9	19.6	32.1	63.7
Highway facilities.....	93.9	98.9	89.3	82.4
Rail and highway facilities.....	24.6	19.6	25.8	53.4
Air facilities.....	78.1	80.4	73.7	84.4
Rail, highway, and air facilities.....	22.3	19.6	21.2	46.0
Water facilities.....	17.7	17.5	17.9	17.7
Rail, highway, air, and water facilities.	3.0	-	5.9	9.6

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.4 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 181--Percent Distribution of Distance, by Means of Transport: 1967

Metalworking Machinery and Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,908	100.0	10.0	59.1	14.4	1.4	0.6	14.5	-
Under 50 miles	180	100.0	18.4	42.3	22.8	-	-	16.5	-
50 to 99 miles	183	100.0	5.4	62.8	14.2	-	.7	16.9	-
100 to 199 miles	172	100.0	4.7	75.8	2.8	.1	.1	16.5	-
200 to 299 miles	467	100.0	9.1	48.0	39.0	.1	-	3.8	-
300 to 399 miles	139	100.0	15.1	77.8	1.6	.5	.4	4.6	-
400 to 499 miles	97	100.0	10.1	54.3	11.8	1.0	-	22.8	-
500 to 599 miles	131	100.0	13.3	68.8	2.1	1.0	1.3	13.5	-
600 to 799 miles	196	100.0	11.0	66.5	.1	4.7	-	17.7	-
800 to 999 miles	70	100.0	9.2	79.4	.2	3.8	-	7.4	-
1,000 to 1,199 miles	79	100.0	5.8	47.0	.2	.5	-	46.5	-
1,200 to 1,499 miles	34	100.0	9.2	41.1	-	.6	-	49.1	-
1,500 to 1,999 miles	74	100.0	6.4	86.3	5.6	.8	-	.9	-
2,000 miles and over	86	100.0	10.1	34.9	.1	10.7	9.4	34.8	-
TON-MILES	(millions of ton-miles)								
Total	987	100.0	9.7	58.4	6.6	3.5	2.0	19.8	-
Under 50 miles	5	100.0	27.4	38.2	20.2	-	-	14.2	-
50 to 99 miles	14	100.0	4.5	63.3	12.9	-	.5	18.8	-
100 to 199 miles	25	100.0	4.4	75.4	2.9	.1	.1	17.1	-
200 to 299 miles	116	100.0	8.8	46.8	40.3	.1	-	4.0	-
300 to 399 miles	47	100.0	16.4	76.7	1.5	.6	.4	4.4	-
400 to 499 miles	45	100.0	10.6	54.4	11.2	1.0	-	22.8	-
500 to 599 miles	71	100.0	13.4	68.4	2.3	1.0	1.4	13.5	-
600 to 799 miles	138	100.0	11.5	66.5	.2	4.7	-	17.1	-
800 to 999 miles	61	100.0	9.4	79.6	.2	3.7	-	7.1	-
1,000 to 1,199 miles	85	100.0	6.1	47.7	.2	.5	-	45.5	-
1,200 to 1,499 miles	46	100.0	9.0	41.6	-	.6	-	48.8	-
1,500 to 1,999 miles	131	100.0	6.7	86.6	5.0	.8	-	.9	-
2,000 miles and over	203	100.0	10.0	34.1	.1	11.1	9.3	35.4	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 181--Percent Distribution of Weight, by Means of Transport: 1967

Metalworking Machinery and Equipment

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,559	100.0	11.2	64.8	17.4	6.6
Under 1,000 pounds	168	100.0	1.1	71.4	9.5	18.0
Under 50 pounds	24	100.0	1.0	25.0	5.7	68.3
50 to 99 pounds	17	100.0	1.3	67.0	10.1	21.6
100 to 199 pounds	26	100.0	.8	67.3	20.7	11.2
200 to 499 pounds	50	100.0	.3	84.5	8.2	7.0
500 to 999 pounds	51	100.0	2.1	83.9	6.6	7.4
1,000 to 9,999 pounds	369	100.0	1.1	81.7	10.5	6.7
1,000 to 1,999 pounds	62	100.0	2.9	88.6	6.5	2.0
2,000 to 2,999 pounds	90	100.0	.7	77.2	22.1	-
3,000 to 3,999 pounds	35	100.0	.4	88.9	9.9	.8
4,000 to 4,999 pounds	57	100.0	.1	68.0	4.0	27.9
5,000 to 9,999 pounds	125	100.0	1.2	85.6	7.3	5.9
10,000 to 29,999 pounds	352	100.0	1.9	81.5	10.7	5.9
10,000 to 19,999 pounds	185	100.0	.5	84.2	7.9	7.4
20,000 to 29,999 pounds	167	100.0	3.6	78.4	13.9	4.1
30,000 to 59,999 pounds	422	100.0	5.6	49.0	42.0	3.4
30,000 to 39,999 pounds	176	100.0	6.9	53.4	39.7	-
40,000 to 49,999 pounds	212	100.0	2.8	43.2	47.8	6.2
50,000 to 59,999 pounds	34	100.0	16.7	62.3	17.8	3.2
60,000 to 89,999 pounds	51	100.0	32.8	64.8	2.4	-
60,000 to 69,999 pounds	20	100.0	21.9	78.1	-	-
70,000 to 79,999 pounds	21	100.0	45.0	55.0	-	-
80,000 to 89,999 pounds	10	100.0	29.8	58.3	11.9	-
90,000 pounds and over	197	100.0	61.9	32.1	-	6.0
TON-MILES	(millions of ton-miles)					
Total	703	100.0	10.6	71.4	8.3	9.7
Under 1,000 pounds	85	100.0	2.1	76.3	1.8	19.8
Under 50 pounds	14	100.0	1.2	30.9	1.9	66.0
50 to 99 pounds	9	100.0	1.4	69.8	3.1	25.7
100 to 199 pounds	12	100.0	1.5	75.9	3.3	19.3
200 to 499 pounds	24	100.0	1.0	88.7	1.5	8.8
500 to 999 pounds	26	100.0	4.1	90.5	.8	4.6
1,000 to 9,999 pounds	183	100.0	2.7	92.0	1.4	3.9
1,000 to 1,999 pounds	33	100.0	2.9	90.1	1.0	6.0
2,000 to 2,999 pounds	52	100.0	2.0	95.5	2.5	-
3,000 to 3,999 pounds	18	100.0	1.7	94.7	.8	2.8
4,000 to 4,999 pounds	25	100.0	.2	92.9	.3	6.6
5,000 to 9,999 pounds	55	100.0	4.5	89.0	1.1	5.4
10,000 to 29,999 pounds	182	100.0	3.1	82.0	4.3	10.6
10,000 to 19,999 pounds	111	100.0	1.2	87.6	1.4	9.8
20,000 to 29,999 pounds	71	100.0	6.0	73.3	8.7	12.0
30,000 to 59,999 pounds	135	100.0	13.6	48.0	34.4	4.0
30,000 to 39,999 pounds	62	100.0	15.0	55.4	29.6	-
40,000 to 49,999 pounds	62	100.0	9.0	38.7	44.4	7.9
50,000 to 59,999 pounds	11	100.0	30.6	57.5	6.5	5.4
60,000 to 89,999 pounds	18	100.0	46.4	51.4	2.2	-
60,000 to 69,999 pounds	9	100.0	31.7	68.3	-	-
70,000 to 79,999 pounds	5	100.0	74.1	25.9	-	-
80,000 to 89,999 pounds	4	100.0	45.1	45.6	9.3	-
90,000 pounds and over	100	100.0	35.6	45.4	-	19.0

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 181--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Metalworking Machinery and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,559	100.0	11.2	64.8	17.4	6.6
Under 200 miles	437	100.0	11.7	64.2	16.5	7.6
Under 1,000 pounds	55	100.0	-	54.7	26.8	18.5
1,000 to 9,999 pounds	118	100.0	-	53.1	32.2	14.7
10,000 to 29,999 pounds	95	100.0	.3	80.5	13.1	6.1
30,000 to 59,999 pounds	84	100.0	.8	90.9	8.3	-
60,000 to 89,999 pounds	17	100.0	21.1	78.9	-	-
90,000 pounds and over	68	100.0	68.4	31.6	-	-
200 to 399 miles	585	100.0	10.9	54.7	31.4	3.0
Under 1,000 pounds	42	100.0	.4	81.6	1.2	16.8
1,000 to 9,999 pounds	98	100.0	-	99.2	.6	.2
10,000 to 29,999 pounds	121	100.0	.1	81.1	18.6	.2
30,000 to 59,999 pounds	253	100.0	1.3	31.5	63.0	4.2
60,000 to 89,999 pounds	17	100.0	43.2	49.8	7.0	-
90,000 pounds and over	54	100.0	96.0	4.0	-	-
400 to 599 miles	183	100.0	12.6	73.6	7.8	6.0
Under 1,000 pounds	24	100.0	.6	80.8	.5	18.1
1,000 to 9,999 pounds	57	100.0	2.8	88.3	.2	8.7
10,000 to 29,999 pounds	30	100.0	12.8	77.0	9.4	.8
30,000 to 59,999 pounds	49	100.0	14.4	59.8	22.8	3.0
60,000 to 89,999 pounds	14	100.0	24.2	75.8	-	-
90,000 pounds and over	9	100.0	81.4	18.6	-	-
600 to 999 miles	200	100.0	12.0	80.4	.2	7.4
Under 1,000 pounds	25	100.0	5.5	76.8	1.4	16.3
1,000 to 9,999 pounds	48	100.0	.7	98.9	.2	.2
10,000 to 29,999 pounds	58	100.0	1.3	92.0	-	6.7
30,000 to 59,999 pounds	30	100.0	31.4	61.2	-	7.4
60,000 pounds and over	39	100.0	30.4	57.8	-	11.8
1,000 miles and over	154	100.0	8.4	75.4	.2	16.0
Under 1,000 pounds	22	100.0	.9	76.7	.9	21.5
1,000 to 9,999 pounds	49	100.0	4.5	90.9	-	4.6
10,000 to 29,999 pounds	48	100.0	3.6	74.4	.2	21.8
30,000 to 59,999 pounds	7	100.0	46.6	53.4	-	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	27	100.0	14.7	58.2	-	27.1
TON-MILES	(millions of ton-miles)					
Total[1]	703	100.0	10.6	71.4	8.3	9.7
Under 200 miles	35	100.0	8.9	76.4	10.0	4.7
Under 1,000 pounds	5	100.0	-	67.0	12.5	20.5
1,000 to 9,999 pounds	9	100.0	-	72.3	22.9	4.8
10,000 to 29,999 pounds	8	100.0	.2	93.6	3.9	2.3
30,000 to 59,999 pounds	7	100.0	.8	93.2	6.0	-
60,000 to 89,999 pounds	2	100.0	20.8	79.2	-	-
90,000 pounds and over	4	100.0	74.9	25.1	-	-
200 to 399 miles	157	100.0	11.4	55.3	30.2	3.1
Under 1,000 pounds	12	100.0	.4	81.0	1.1	17.5
1,000 to 9,999 pounds	25	100.0	-	99.0	.8	.2
10,000 to 29,999 pounds	33	100.0	.1	82.5	17.2	.2
30,000 to 59,999 pounds	67	100.0	1.6	32.7	61.7	4.0
60,000 to 89,999 pounds	5	100.0	42.8	49.8	7.4	-
90,000 pounds and over	15	100.0	97.0	3.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 181--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Metalworking Machinery and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	93	100.0	12.8	74.4	7.2	5.6
Under 1,000 pounds	12	100.0	.7	80.5	.5	18.3
1,000 to 9,999 pounds	29	100.0	2.5	90.2	.1	7.2
10,000 to 29,999 pounds	16	100.0	12.8	75.8	10.5	.9
30,000 to 59,999 pounds	25	100.0	14.9	62.0	19.7	3.4
60,000 to 89,999 pounds	7	100.0	25.7	74.3	-	-
90,000 pounds and over	4	100.0	82.1	17.9	-	-
600 to 999 miles	151	100.0	11.9	80.5	.2	7.4
Under 1,000 pounds	19	100.0	6.7	75.7	1.4	16.2
1,000 to 9,999 pounds	36	100.0	.8	98.8	.2	.2
10,000 to 29,999 pounds	45	100.0	1.2	92.8	-	6.0
30,000 to 59,999 pounds	23	100.0	31.1	60.6	-	8.3
60,000 pounds and over	28	100.0	29.9	57.7	-	12.4
1,000 miles and over	267	100.0	8.8	74.2	.2	16.8
Under 1,000 pounds	37	100.0	1.0	75.2	1.1	22.7
1,000 to 9,999 pounds	83	100.0	4.6	90.1	-	5.3
10,000 to 29,999 pounds	80	100.0	3.7	75.8	.1	20.4
30,000 to 59,999 pounds	14	100.0	47.2	52.8	-	-
60,000 to 89,999 pounds	4	100.0	100.0	-	-	-
90,000 pounds and over	49	100.0	13.1	55.3	-	31.6

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 181--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Metalworking Machinery and Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,908	100.0	10.0	59.1	14.4	1.4	0.6	14.5	-
New England	190	100.0	7.2	75.4	14.1	.5	.8	2.0	-
Middle Atlantic	730	100.0	10.6	31.0	27.0	1.8	1.1	28.5	-
East North Central	958	100.0	10.4	76.6	4.8	1.2	.3	6.7	-
Balance of United States[1]	30	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	987	100.0	9.7	58.4	6.6	3.5	2.0	19.8	-
New England	111	100.0	10.9	82.3	2.0	1.0	.1	3.7	-
Middle Atlantic	421	100.0	8.5	29.2	13.9	5.7	3.7	39.0	-
East North Central	436	100.0	10.9	78.8	.9	2.2	1.0	6.2	-
Balance of United States[1]	19	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 181--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Metalworking Machinery and Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,908	1,908	143	497	789	115	83	41	79	16	145
Ton-miles.....millions..	987	987	51	147	217	84	45	27	85	23	308
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,908	100.0	7.5	26.0	41.4	6.0	4.3	2.1	4.2	0.9	7.6
Shipments from--											
New England	190	100.0	20.6	28.2	27.2	4.3	4.5	3.9	5.0	1.0	5.3
Middle Atlantic	730	100.0	6.1	32.4	35.2	7.4	5.1	1.5	3.9	.2	8.2
East North Central	958	100.0	6.0	21.2	49.4	5.4	2.9	2.3	4.1	1.3	7.4
Balance of U.S.[2]	30	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	987	100.0	5.2	14.9	22.0	8.5	4.5	2.8	8.6	2.3	31.2
Shipments from--											
New England	111	100.0	2.7	7.7	32.3	8.4	4.9	6.4	11.4	3.1	23.1
Middle Atlantic	421	100.0	1.4	10.2	23.8	13.1	5.3	2.2	9.3	.6	34.1
East North Central	436	100.0	9.1	21.1	18.0	4.3	3.5	2.4	7.3	3.7	30.6
Balance of U.S.[2]	19	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 181--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Metalworking Machinery and Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,908	100.0	10.0	59.1	14.4	1.4	0.6	14.5	-
New England, total	190	100.0	7.2	75.4	14.1	.5	.8	2.0	-
Shipments to--									
New England	39	100.0	1.3	76.2	20.4	.1	-	2.0	-
Middle Atlantic	53	100.0	7.2	56.4	32.1	.1	2.8	1.4	-
East North Central	52	100.0	8.9	89.0	.4	.6	-	1.1	-
Middle Atlantic, total	730	100.0	10.6	31.0	27.0	1.8	1.1	28.5	-
Shipments to--									
Middle Atlantic	237	100.0	15.7	34.8	34.4	.1	.2	14.7	0.1
East North Central	256	100.0	9.7	23.8	43.3	1.7	-	21.5	-
Pacific	60	100.0	9.9	22.2	.2	14.0	12.1	41.6	-
East North Central, total	958	100.0	10.4	76.6	4.8	1.2	.3	6.7	-
Shipments to--									
New England	57	100.0	.4	93.0	.1	5.7	-	.8	-
Middle Atlantic	203	100.0	24.0	62.4	1.8	2.8	.9	8.1	-
East North Central	475	100.0	4.7	80.4	8.2	.2	-	6.5	-
West North Central	51	100.0	33.9	56.2	.3	.7	-	8.9	-
South Atlantic	28	100.0	6.4	89.2	1.5	.7	-	2.2	-
East South Central	22	100.0	1.5	85.9	11.8	-	-	.7	.1
West South Central	39	100.0	8.2	71.3	.2	.8	-	19.5	-
Pacific	71	100.0	8.1	83.6	-	1.5	1.1	5.7	-
TON-MILES	(millions of ton-miles)								
U.S. total	987	100.0	9.7	58.4	6.6	3.5	2.0	19.8	-
New England, total	111	100.0	10.9	82.3	2.0	1.0	.1	3.7	-
Shipments to--									
New England	3	100.0	.4	88.2	10.0	.1	-	1.3	-
Middle Atlantic	9	100.0	8.9	73.6	14.5	.2	1.2	1.6	-
East North Central	36	100.0	9.3	88.5	.5	.6	-	1.1	-
Middle Atlantic, total	421	100.0	8.5	29.2	13.9	5.7	3.7	39.0	-
Shipments to--									
Middle Atlantic	43	100.0	6.0	26.4	55.5	.1	.4	11.5	.1
East North Central	100	100.0	10.0	27.5	27.5	2.7	-	32.3	-
Pacific	143	100.0	9.7	22.1	.2	14.7	10.9	42.4	-
East North Central, total	436	100.0	10.9	78.8	.9	2.2	1.0	6.2	-
Shipments to--									
New England	40	100.0	.4	92.6	.1	6.2	-	.7	-
Middle Atlantic	92	100.0	25.4	63.3	.4	4.4	1.1	5.4	-
East North Central	78	100.0	5.2	89.8	2.3	.3	-	2.4	-
West North Central	19	100.0	26.0	56.6	.5	1.1	-	15.8	-
South Atlantic	15	100.0	6.6	89.1	.5	1.0	-	2.8	-
East South Central	11	100.0	1.2	83.6	14.4	-	-	.7	.1
West South Central	32	100.0	8.6	65.6	.2	.9	-	24.7	-
Pacific	134	100.0	8.0	81.8	-	1.5	2.5	6.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 181--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Metalworking Machinery and Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,908	413	563	932	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	987	292	233	462
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	10.0	4.0	.5	18.4	9.7	7.1	.9	15.7
Motor carrier.....	59.1	34.6	54.2	72.9	58.4	27.3	65.2	74.6
Private truck.....	14.4	4.8	41.8	2.1	6.6	2.5	23.9	.5
Air.....	1.4	3.0	.7	1.1	3.5	7.9	1.2	1.9
Water.....	.6	-	1.7	.3	2.0	-	7.4	.6
Other.....	14.5	53.6	1.1	5.2	19.8	55.2	1.4	6.7
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	19.0	25.1	15.6	18.4	1.9	1.7	1.8	2.1
100 to 199 miles.....	9.0	8.8	8.2	9.6	2.6	1.9	2.8	2.9
200 to 299 miles.....	24.5	8.5	42.8	20.4	11.8	3.0	26.1	10.1
300 to 399 miles.....	7.3	1.2	6.0	10.8	4.7	.5	4.8	7.4
400 to 499 miles.....	5.1	6.7	5.8	4.0	4.5	4.5	6.3	3.7
500 to 999 miles.....	20.8	21.0	13.1	25.4	27.4	20.5	20.3	35.5
1,000 miles and over.....	14.3	28.7	8.5	11.4	47.1	67.9	37.9	38.3

Table 8. SHIPPER CLASS 181--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Metalworking Machinery and Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	16.9	14.1	14.7	54.9
Highway facilities	97.0	100.0	94.1	84.3
Rail and highway facilities	16.2	14.1	14.0	47.8
Air facilities	73.4	71.7	75.1	80.3
Rail, highway, and air facilities	15.4	14.1	12.5	42.1
Water facilities	24.3	28.3	19.7	11.7
Rail, highway, air, and water facilities	1.9	-	4.4	7.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 182--Percent Distribution of Distance, by Means of Transport: 1967

Special Industry Machinery

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,447	100.0	12.5	73.0	13.2	0.5	0.2	0.6	-
Under 50 miles	100	100.0	14.5	57.1	25.1	.4	2.4	.5	-
50 to 99 miles	108	100.0	6.7	57.2	35.5	.2	-	.4	-
100 to 199 miles	183	100.0	3.6	83.3	12.1	.1	.4	.4	0.1
200 to 299 miles	224	100.0	19.5	68.8	10.9	.1	-	.7	-
300 to 399 miles	133	100.0	6.0	83.4	10.1	.1	-	.4	-
400 to 499 miles	108	100.0	3.9	82.9	12.5	.3	-	.4	-
500 to 599 miles	117	100.0	9.1	87.4	2.5	.6	-	.4	-
600 to 799 miles	152	100.0	9.7	82.2	6.2	.7	-	1.2	-
800 to 999 miles	108	100.0	34.2	46.5	17.2	1.5	-	.6	-
1,000 to 1,199 miles	79	100.0	18.2	67.8	12.2	1.1	-	.2	.5
1,200 to 1,499 miles	45	100.0	19.0	71.7	8.0	.7	-	.6	-
1,500 to 1,999 miles	55	100.0	10.3	70.6	17.0	.6	.3	1.2	-
2,000 miles and over	35	100.0	18.0	76.2	.3	3.3	.7	1.4	.1
TON-MILES	(millions of ton-miles)								
Total	783	100.0	15.2	72.8	9.9	1.0	.2	.8	.1
Under 50 miles	3	100.0	16.0	61.1	21.7	.2	.6	.4	-
50 to 99 miles	8	100.0	8.2	58.7	32.5	.2	-	.4	-
100 to 199 miles	27	100.0	3.1	84.1	11.8	.1	.4	.4	.1
200 to 299 miles	54	100.0	18.2	70.4	10.6	.1	-	.7	-
300 to 399 miles	45	100.0	6.4	83.2	9.9	.1	-	.4	-
400 to 499 miles	48	100.0	3.7	82.8	12.8	.3	-	.4	-
500 to 599 miles	65	100.0	8.9	87.6	2.5	.6	-	.4	-
600 to 799 miles	107	100.0	9.6	82.4	6.1	.7	-	1.2	-
800 to 999 miles	96	100.0	34.8	46.9	16.2	1.5	-	.6	-
1,000 to 1,199 miles	90	100.0	17.7	67.9	12.7	1.0	-	.2	.5
1,200 to 1,499 miles	59	100.0	19.4	71.5	7.8	.7	-	.6	-
1,500 to 1,999 miles	96	100.0	10.0	72.6	15.2	.7	.3	1.2	-
2,000 miles and over	85	100.0	18.5	75.2	.3	3.3	1.3	1.3	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 182--Percent Distribution of Weight, by Means of Transport: 1967

Special Industry Machinery

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	1,279	100.0	13.3	77.5	7.6	1.6
Under 1,000 pounds	128	100.0	.5	86.1	4.6	8.8
Under 50 pounds	6	100.0	2.5	36.6	3.2	57.7
50 to 99 pounds	8	100.0	.6	77.8	4.0	17.6
100 to 199 pounds	16	100.0	.7	87.1	3.5	8.7
200 to 499 pounds	42	100.0	.5	90.3	3.0	6.2
500 to 999 pounds	56	100.0	.3	89.3	6.3	4.1
1,000 to 9,999 pounds	346	100.0	.9	88.1	9.1	1.9
1,000 to 1,999 pounds	79	100.0	.4	84.9	9.7	5.0
2,000 to 2,999 pounds	50	100.0	.2	90.8	8.2	.8
3,000 to 3,999 pounds	49	100.0	1.2	85.0	9.3	4.5
4,000 to 4,999 pounds	38	100.0	.9	97.7	1.3	.1
5,000 to 9,999 pounds	130	100.0	1.3	87.4	11.2	.1
10,000 to 29,999 pounds	384	100.0	8.8	78.2	12.7	.3
10,000 to 19,999 pounds	191	100.0	2.9	86.3	10.2	.6
20,000 to 29,999 pounds	192	100.0	14.7	70.0	15.3	-
30,000 to 59,999 pounds	276	100.0	17.8	78.2	3.9	.1
30,000 to 39,999 pounds	127	100.0	15.0	79.0	6.0	-
40,000 to 49,999 pounds	82	100.0	19.5	76.6	3.9	-
50,000 to 59,999 pounds	67	100.0	21.0	78.4	-	.6
60,000 to 89,999 pounds	98	100.0	37.3	62.7	-	-
60,000 to 69,999 pounds	62	100.0	19.8	80.2	-	-
70,000 to 79,999 pounds	27	100.0	69.9	30.1	-	-
80,000 to 89,999 pounds	9	100.0	61.4	38.6	-	-
90,000 pounds and over	47	100.0	98.5	1.5	-	-
	(millions of ton-miles)					
TON-MILES						
Total	682	100.0	17.0	77.8	2.9	2.3
Under 1,000 pounds	68	100.0	1.3	85.0	1.8	11.9
Under 50 pounds	4	100.0	2.8	35.1	.8	61.3
50 to 99 pounds	5	100.0	1.6	74.1	1.4	22.9
100 to 199 pounds	9	100.0	1.6	86.0	1.7	10.7
200 to 499 pounds	23	100.0	1.4	88.5	1.3	8.8
500 to 999 pounds	27	100.0	.8	90.5	2.3	6.4
1,000 to 9,999 pounds	160	100.0	2.2	91.0	3.1	3.7
1,000 to 1,999 pounds	42	100.0	1.7	82.8	2.5	13.0
2,000 to 2,999 pounds	24	100.0	.6	97.8	1.0	.6
3,000 to 3,999 pounds	23	100.0	3.9	91.4	4.1	.6
4,000 to 4,999 pounds	21	100.0	1.9	96.1	1.7	.3
5,000 to 9,999 pounds	50	100.0	2.9	92.5	4.6	-
10,000 to 29,999 pounds	199	100.0	15.2	79.3	5.2	.3
10,000 to 19,999 pounds	89	100.0	6.7	88.1	4.4	.8
20,000 to 29,999 pounds	110	100.0	22.1	72.0	5.9	-
30,000 to 59,999 pounds	163	100.0	23.7	74.2	1.8	.3
30,000 to 39,999 pounds	73	100.0	17.8	79.3	2.9	-
40,000 to 49,999 pounds	48	100.0	27.6	70.7	1.7	-
50,000 to 59,999 pounds	42	100.0	29.4	69.5	-	1.1
60,000 to 89,999 pounds	66	100.0	26.0	74.0	-	-
60,000 to 69,999 pounds	49	100.0	16.5	83.5	-	-
70,000 to 79,999 pounds	11	100.0	49.8	50.2	-	-
80,000 to 89,999 pounds	6	100.0	59.8	40.2	-	-
90,000 pounds and over	26	100.0	99.5	5	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 182--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Special Industry Machinery

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	1,279	100.0	13.3	77.5	7.6	1.6
Under 200 miles	341	100.0	8.3	71.6	18.5	1.6
Under 1,000 pounds	36	100.0	.2	80.2	11.3	8.3
1,000 to 9,999 pounds	123	100.0	.1	78.9	19.1	1.9
10,000 to 29,999 pounds	107	100.0	1.2	69.7	29.1	-
30,000 to 59,999 pounds	52	100.0	8.8	82.4	8.8	-
60,000 to 89,999 pounds	14	100.0	94.5	5.5	-	-
90,000 pounds and over	9	100.0	97.8	2.2	-	-
200 to 399 miles	322	100.0	12.3	80.8	6.2	.7
Under 1,000 pounds	27	100.0	.4	91.5	2.7	5.4
1,000 to 9,999 pounds	84	100.0	.3	92.5	6.5	.7
10,000 to 29,999 pounds	123	100.0	3.7	87.2	8.7	.4
30,000 to 59,999 pounds	59	100.0	18.0	76.6	5.4	-
60,000 to 89,999 pounds	11	100.0	58.3	41.7	-	-
90,000 pounds and over	18	100.0	97.1	2.9	-	-
400 to 599 miles	210	100.0	7.1	89.1	3.0	.8
Under 1,000 pounds	22	100.0	.2	91.9	1.3	6.6
1,000 to 9,999 pounds	55	100.0	1.1	97.4	.7	.8
10,000 to 29,999 pounds	36	100.0	5.1	82.6	12.3	-
30,000 to 59,999 pounds	63	100.0	7.2	90.7	2.1	-
60,000 to 89,999 pounds	29	100.0	8.7	91.3	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-
600 to 999 miles	228	100.0	22.7	72.4	2.8	2.1
Under 1,000 pounds	28	100.0	.5	87.1	2.5	9.9
1,000 to 9,999 pounds	44	100.0	.5	93.0	3.6	2.9
10,000 to 29,999 pounds	71	100.0	29.5	66.2	3.2	1.1
30,000 to 59,999 pounds	62	100.0	22.2	74.9	2.9	-
60,000 to 89,999 pounds	15	100.0	58.1	41.9	-	-
90,000 pounds and over	8	100.0	100.0	-	-	-
1,000 miles and over	178	100.0	19.7	76.9	.6	2.8
Under 1,000 pounds	16	100.0	2.0	81.0	.5	16.5
1,000 to 9,999 pounds	39	100.0	4.6	89.5	.9	5.0
10,000 to 29,999 pounds	47	100.0	10.8	87.9	1.3	-
30,000 to 59,999 pounds	41	100.0	38.7	60.3	-	1.0
60,000 to 89,999 pounds	28	100.0	18.2	81.8	-	-
90,000 pounds and over	7	100.0	100.0	-	-	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	682	100.0	17.0	77.8	2.9	2.3
Under 200 miles	34	100.0	5.6	79.6	13.8	1.0
Under 1,000 pounds	3	100.0	.2	84.9	6.7	8.2
1,000 to 9,999 pounds	13	100.0	.1	88.1	11.5	.3
10,000 to 29,999 pounds	10	100.0	1.2	73.9	24.9	-
30,000 to 59,999 pounds	6	100.0	10.0	83.0	7.0	-
60,000 to 89,999 pounds	1	100.0	79.6	20.4	-	-
90,000 pounds and over	1	100.0	97.4	2.6	-	-
200 to 399 miles	91	100.0	11.2	82.0	6.1	.7
Under 1,000 pounds	8	100.0	.4	91.0	2.8	5.8
1,000 to 9,999 pounds	25	100.0	.4	93.2	5.9	.5
10,000 to 29,999 pounds	35	100.0	3.4	86.9	9.3	.4
30,000 to 59,999 pounds	17	100.0	18.6	77.4	4.0	-
60,000 to 89,999 pounds	2	100.0	62.6	37.4	-	-
90,000 pounds and over	4	100.0	97.4	2.6	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 182--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Special Industry Machinery

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(millions of ton-miles)					
TON-MILES--Continued						
400 to 599 miles	106	100.0	7.2	89.2	2.8	0.8
Under 1,000 pounds	11	100.0	.2	91.8	1.4	6.6
1,000 to 9,999 pounds	28	100.0	1.1	97.6	.5	.8
10,000 to 29,999 pounds	18	100.0	5.7	82.5	11.8	-
30,000 to 59,999 pounds	30	100.0	7.5	90.6	1.9	-
60,000 to 89,999 pounds	16	100.0	7.5	92.5	-	-
90,000 pounds and over	3	100.0	100.0	-	-	-
600 to 999 miles	177	100.0	24.6	70.6	2.6	2.2
Under 1,000 pounds	21	100.0	.6	86.9	2.2	10.3
1,000 to 9,999 pounds	34	100.0	.5	92.3	3.9	3.3
10,000 to 29,999 pounds	56	100.0	32.8	63.3	2.9	1.0
30,000 to 59,999 pounds	47	100.0	22.7	74.6	2.7	-
60,000 to 89,999 pounds	12	100.0	60.1	39.9	-	-
90,000 pounds and over	7	100.0	100.0	-	-	-
1,000 miles and over	274	100.0	19.2	76.8	.6	3.4
Under 1,000 pounds	25	100.0	2.8	78.8	.5	17.9
1,000 to 9,999 pounds	62	100.0	4.9	87.2	.9	7.0
10,000 to 29,999 pounds	79	100.0	11.7	87.2	1.1	-
30,000 to 59,999 pounds	63	100.0	35.0	64.3	-	.7
60,000 to 89,999 pounds	34	100.0	19.3	80.7	-	-
90,000 pounds and over	11	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 182--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Special Industry Machinery

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,447	100.0	12.5	73.0	13.2	0.5	0.2	0.6	-
New England	141	100.0	12.1	78.2	8.7	.5	.2	.3	-
Middle Atlantic	335	100.0	13.6	79.1	4.7	1.0	.8	.8	-
East North Central	614	100.0	11.5	82.8	4.6	.5	-	.6	-
South Atlantic	80	100.0	3.8	72.8	21.1	.2	-	2.0	0.1
Pacific[1]	68	100.0	18.0	73.9	7.4	.3	.3	.1	-
Balance of United States[2]	209	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	783	100.0	15.2	72.8	9.9	1.0	.2	.8	.1
New England	87	100.0	24.0	70.1	4.7	.8	.1	.3	-
Middle Atlantic	174	100.0	21.5	74.3	1.3	2.2	-	.7	-
East North Central	318	100.0	12.8	83.4	1.7	.7	.3	1.1	-
South Atlantic	25	100.0	8.8	80.0	7.4	.6	-	3.2	-
Pacific[1]	57	100.0	.8	94.8	2.9	.6	.8	.1	-
Balance of United States[2]	122	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 182--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Special Industry Machinery

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,447	1,447	81	281	351	104	224	103	147	51	105
Ton-miles.....millions..	783	783	24	100	124	41	119	62	124	57	132
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,447	100.0	5.6	19.4	24.3	7.2	15.5	7.1	10.1	3.5	7.3
Shipments from--											
New England.....	141	100.0	23.3	23.6	14.2	3.1	19.3	5.6	4.9	.8	5.2
Middle Atlantic.....	335	100.0	7.9	34.5	15.9	3.3	19.6	7.7	6.9	.4	3.8
East North Central.....	614	100.0	2.6	17.0	37.7	5.7	10.4	7.0	11.0	5.3	3.3
South Atlantic.....	80	100.0	2.0	12.5	1.3	-	62.9	9.4	9.5	.4	2.0
Pacific[2].....	68	100.0	.2	4.5	13.9	.9	4.1	.7	10.5	13.3	51.9
Balance of U.S.[3].....	209	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	783	100.0	3.1	12.8	15.9	5.3	15.2	7.9	15.8	7.2	16.8
Shipments from--											
New England.....	87	100.0	2.1	7.6	15.8	5.7	22.9	9.5	11.9	3.0	21.5
Middle Atlantic.....	174	100.0	3.4	8.5	15.7	6.3	16.4	12.9	17.4	1.5	17.9
East North Central.....	318	100.0	3.1	16.3	15.6	4.5	13.0	4.9	17.6	12.7	12.3
South Atlantic.....	25	100.0	3.9	16.7	2.2	.1	30.9	10.6	20.2	2.0	13.4
Pacific[2].....	57	100.0	.8	13.4	31.5	1.7	11.3	1.3	22.0	6.1	11.9
Balance of U.S.[3].....	122	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 182--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Special Industry Machinery

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,447	100.0	12.5	73.0	13.2	0.5	0.2	0.6	-
New England, total	141	100.0	12.1	78.2	8.7	.5	.2	.3	-
Shipments to--									
New England	33	100.0	1.9	78.5	19.2	.2	-	.2	-
Middle Atlantic	33	100.0	3.9	91.0	3.5	.2	1.0	.4	-
East North Central	20	100.0	17.7	78.9	2.4	.6	-	.4	-
South Atlantic	27	100.0	14.6	70.4	14.7	.1	-	.2	-
Middle Atlantic, total	335	100.0	13.6	79.1	4.7	1.0	.8	.8	-
Shipments to--									
New England	27	100.0	-	90.7	6.5	-	-	2.8	-
Middle Atlantic	115	100.0	.6	84.7	11.4	.5	2.3	.5	-
East North Central	53	100.0	6.9	92.3	.1	.3	-	.4	-
South Atlantic	66	100.0	20.3	76.0	.8	1.9	-	1.0	-
East North Central, total	614	100.0	11.5	82.8	4.6	.5	-	.6	-
Shipments to--									
Middle Atlantic	104	100.0	13.5	82.4	2.1	1.0	-	.8	0.2
East North Central	231	100.0	8.1	83.8	7.6	.2	-	.3	-
West North Central	35	100.0	1.3	97.9	-	.1	-	.7	-
South Atlantic	64	100.0	3.2	93.5	2.1	.3	-	.9	-
West South Central	68	100.0	30.0	68.4	1.0	.2	-	.4	-
TON-MILES	(millions of ton-miles)								
U.S. total	783	100.0	15.2	72.8	9.9	1.0	.2	.8	.1
New England, total	87	100.0	24.0	70.1	4.7	.8	.1	.3	-
Shipments to--									
New England	2	100.0	4.5	83.0	12.2	.1	-	.2	-
Middle Atlantic	7	100.0	4.4	87.5	6.3	.4	.9	.5	-
East North Central	14	100.0	20.2	76.7	2.0	.6	-	.5	-
South Atlantic	20	100.0	17.6	68.7	13.4	.1	-	.2	-
Middle Atlantic, total	174	100.0	21.5	74.3	1.3	2.2	-	.7	-
Shipments to--									
New England	6	100.0	-	86.2	11.3	-	-	2.5	-
Middle Atlantic	15	100.0	.6	91.7	6.5	.4	.4	.4	-
East North Central	27	100.0	8.3	90.9	-	.4	-	.4	-
South Atlantic	29	100.0	13.6	80.7	1.2	3.7	-	.8	-
East North Central, total	318	100.0	12.8	83.4	1.7	.7	.3	1.1	-
Shipments to--									
Middle Atlantic	52	100.0	14.1	81.0	2.5	1.3	-	1.0	.1
East North Central	50	100.0	5.5	90.7	3.2	.2	-	.4	-
West North Central	14	100.0	1.8	96.6	-	.3	-	1.3	-
South Atlantic	41	100.0	1.4	95.9	1.6	.2	-	.9	-
West South Central	56	100.0	33.7	64.5	1.1	.2	-	.5	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 182--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Special Industry Machinery

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,447	218	669	560	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	783	136	379	268
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	12.5	-	11.7	18.4	15.2	-	14.8	23.3
Motor carrier.....	73.0	96.2	67.5	70.3	72.8	97.2	66.8	69.6
Private truck.....	13.2	2.5	20.0	9.2	9.9	1.2	17.5	3.4
Air.....	.5	.6	.4	.6	1.0	.9	.6	1.6
Water.....	.2	-	-	.6	.2	-	-	.5
Other.....	.6	.7	.3	.9	.8	.7	.2	1.6
Unknown.....	-	-	.1	-	.1	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	14.4	3.9	12.4	20.9	1.3	.4	1.2	2.0
100 to 199 miles.....	12.7	3.9	15.1	13.2	3.5	1.0	3.8	4.3
200 to 299 miles.....	15.5	15.7	13.8	17.3	7.0	6.4	5.8	8.9
300 to 399 miles.....	9.2	10.2	9.9	7.9	5.8	5.6	6.0	5.5
400 to 499 miles.....	7.4	11.6	7.0	6.3	6.2	8.4	5.6	5.8
500 to 999 miles.....	26.0	36.0	25.5	22.7	34.2	39.8	32.0	34.5
1,000 miles and over.....	14.8	18.7	16.3	11.7	42.0	38.4	45.6	39.0

Table 8. SHIPPER CLASS 182--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Special Industry Machinery

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	36.5	25.0	44.1	71.5
Highway facilities	92.6	100.0	84.7	89.7
Rail and highway facilities	30.2	25.0	31.3	61.2
Air facilities	75.8	87.5	59.8	93.8
Rail, highway, and air facilities	26.7	25.0	23.9	57.5
Water facilities	10.4	-	21.0	18.2
Rail, highway, air, and water facilities	3.9	-	7.9	6.4

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.4 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 183--Percent Distribution of Distance, by Means of Transport: 1967

General Industrial Machinery and Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	3,348	100.0	23.3	66.5	8.3	0.5	0.1	1.3	-
Under 50 miles	152	100.0	6.3	57.5	34.7	.1	-	1.4	-
50 to 99 miles	289	100.0	13.7	58.7	26.6	-	-	1.0	-
100 to 199 miles	353	100.0	3.6	91.0	3.0	.2	.2	2.0	-
200 to 299 miles	345	100.0	7.3	88.6	2.7	.1	-	1.3	-
300 to 399 miles	239	100.0	12.8	84.5	1.4	.4	-	.9	-
400 to 499 miles	362	100.0	40.2	57.1	1.9	.3	-	.5	-
500 to 599 miles	221	100.0	3.2	95.2	.3	.5	-	.8	-
600 to 799 miles	370	100.0	17.4	76.3	3.0	.7	.1	2.5	-
800 to 999 miles	199	100.0	19.9	73.2	4.3	.7	-	1.8	0.1
1,000 to 1,199 miles	94	100.0	11.9	76.2	8.1	2.5	-	1.3	-
1,200 to 1,499 miles	108	100.0	35.9	59.5	2.7	1.1	-	.8	-
1,500 to 1,999 miles	518	100.0	62.6	19.6	16.8	.2	-	.8	-
2,000 miles and over	98	100.0	31.0	58.8	.8	4.5	1.4	3.5	-
TON-MILES	(millions of ton-miles)								
Total	2,375	100.0	37.7	51.1	8.7	.9	.2	1.4	-
Under 50 miles	4	100.0	4.3	64.9	29.5	.1	-	1.2	-
50 to 99 miles	21	100.0	14.8	58.7	25.5	-	-	1.0	-
100 to 199 miles	50	100.0	3.8	90.7	2.9	.2	.3	2.1	-
200 to 299 miles	86	100.0	7.4	88.6	2.5	.1	-	1.4	-
300 to 399 miles	83	100.0	13.5	83.9	1.3	.4	-	.9	-
400 to 499 miles	166	100.0	40.8	56.5	1.9	.3	-	.5	-
500 to 599 miles	121	100.0	3.4	95.0	.3	.5	-	.8	-
600 to 799 miles	255	100.0	17.3	76.3	3.2	.7	.1	2.4	-
800 to 999 miles	178	100.0	20.0	73.0	4.5	.7	-	1.7	.1
1,000 to 1,199 miles	102	100.0	11.8	76.5	7.8	2.6	-	1.3	-
1,200 to 1,499 miles	142	100.0	36.1	59.2	2.8	1.1	-	.8	-
1,500 to 1,999 miles	938	100.0	63.0	18.8	17.3	.1	-	.8	-
2,000 miles and over	229	100.0	29.8	59.8	.8	4.4	1.9	3.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 183--Percent Distribution of Weight, by Means of Transport: 1967

General Industrial Machinery and Equipment

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	3,220	100.0	24.0	66.7	7.3	2.0
Under 1,000 pounds	495	100.0	1.9	88.5	2.0	7.6
Under 50 pounds	24	100.0	1.7	30.3	.8	67.2
50 to 99 pounds	28	100.0	2.7	75.8	2.1	19.4
100 to 199 pounds	52	100.0	1.4	89.5	1.8	7.3
200 to 499 pounds	176	100.0	1.6	92.4	2.0	4.0
500 to 999 pounds	215	100.0	2.1	93.3	2.2	2.4
1,000 to 9,999 pounds	1,049	100.0	4.5	86.7	6.9	1.9
1,000 to 1,999 pounds	299	100.0	1.9	92.9	4.2	1.0
2,000 to 2,999 pounds	179	100.0	3.4	87.9	5.2	3.5
3,000 to 3,999 pounds	146	100.0	4.0	90.0	3.9	2.1
4,000 to 4,999 pounds	122	100.0	4.7	87.1	6.3	1.9
5,000 to 9,999 pounds	303	100.0	8.0	78.0	12.4	1.6
10,000 to 29,999 pounds	602	100.0	15.2	70.4	13.8	.6
10,000 to 19,999 pounds	315	100.0	7.2	76.5	15.9	.4
20,000 to 29,999 pounds	287	100.0	23.9	63.8	11.5	.8
30,000 to 59,999 pounds	428	100.0	7.9	82.3	9.5	.3
30,000 to 39,999 pounds	201	100.0	11.0	75.4	13.0	.6
40,000 to 49,999 pounds	193	100.0	4.5	88.0	7.5	-
50,000 to 59,999 pounds	34	100.0	8.8	91.2	-	-
60,000 to 89,999 pounds	105	100.0	90.8	6.8	2.4	-
60,000 to 69,999 pounds	30	100.0	83.4	15.5	1.1	-
70,000 to 79,999 pounds	70	100.0	97.2	2.8	-	-
80,000 to 89,999 pounds	5	100.0	48.3	11.2	40.5	-
90,000 pounds and over	540	100.0	91.5	3.4	5.1	-
TON-MILES	(millions of ton-miles)					
Total	2,299	100.0	38.3	50.5	8.8	2.4
Under 1,000 pounds	321	100.0	3.3	85.9	1.1	9.7
Under 50 pounds	15	100.0	2.3	29.0	.5	68.2
50 to 99 pounds	17	100.0	4.4	70.7	1.6	23.3
100 to 199 pounds	35	100.0	2.5	87.1	1.1	9.3
200 to 499 pounds	112	100.0	3.5	88.6	1.6	6.3
500 to 999 pounds	142	100.0	3.4	91.4	.7	4.5
1,000 to 9,999 pounds	653	100.0	7.6	79.7	10.1	2.6
1,000 to 1,999 pounds	179	100.0	3.8	92.0	2.4	1.8
2,000 to 2,999 pounds	113	100.0	7.4	80.8	5.1	6.7
3,000 to 3,999 pounds	101	100.0	9.6	81.9	6.2	2.3
4,000 to 4,999 pounds	63	100.0	6.5	80.2	11.9	1.4
5,000 to 9,999 pounds	197	100.0	10.4	66.6	21.4	1.6
10,000 to 29,999 pounds	390	100.0	19.0	52.2	27.6	1.2
10,000 to 19,999 pounds	189	100.0	9.2	52.6	38.2	-
20,000 to 29,999 pounds	201	100.0	28.3	52.0	17.5	2.2
30,000 to 59,999 pounds	203	100.0	9.9	76.6	12.6	.9
30,000 to 39,999 pounds	103	100.0	12.6	75.4	10.4	1.6
40,000 to 49,999 pounds	91	100.0	4.1	79.4	16.5	-
50,000 to 59,999 pounds	9	100.0	35.8	64.2	-	-
60,000 to 89,999 pounds	134	100.0	99.0	.8	.2	-
60,000 to 69,999 pounds	18	100.0	95.8	4.2	-	-
70,000 to 79,999 pounds	110	100.0	99.8	.2	-	-
80,000 to 89,999 pounds	6	100.0	94.6	.5	4.9	-
90,000 pounds and over	598	100.0	99.4	.5	.1	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 183--Percent Distribution of Distance and Weight, by Means of Transport: 1967

General Industrial Machinery and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	3,220	100.0	24.0	66.7	7.3	2.0
Under 200 miles	743	100.0	8.3	76.6	13.3	1.8
Under 1,000 pounds	109	100.0	1.2	85.8	6.0	7.0
1,000 to 9,999 pounds	250	100.0	1.0	84.2	13.0	1.8
10,000 to 29,999 pounds	158	100.0	1.1	88.4	9.8	.7
30,000 to 59,999 pounds	127	100.0	3.3	85.5	11.2	-
60,000 to 89,999 pounds	16	100.0	50.7	33.9	15.4	-
90,000 pounds and over	83	100.0	53.1	13.9	33.0	-
200 to 399 miles	570	100.0	9.8	86.6	2.2	1.4
Under 1,000 pounds	106	100.0	.3	93.6	.8	5.3
1,000 to 9,999 pounds	241	100.0	2.7	94.9	1.4	1.0
10,000 to 29,999 pounds	122	100.0	3.9	90.7	5.4	-
30,000 to 59,999 pounds	60	100.0	17.6	79.1	3.3	-
60,000 to 89,999 pounds	9	100.0	81.5	18.5	-	-
90,000 pounds and over	32	100.0	81.0	19.0	-	-
400 to 599 miles	569	100.0	26.8	71.2	1.1	.9
Under 1,000 pounds	76	100.0	.7	92.4	.6	6.3
1,000 to 9,999 pounds	154	100.0	4.1	93.9	1.7	.3
10,000 to 29,999 pounds	85	100.0	13.0	83.5	3.5	-
30,000 to 59,999 pounds	123	100.0	2.2	97.4	.4	-
60,000 to 89,999 pounds	3	100.0	100.0	-	-	-
90,000 pounds and over	128	100.0	100.0	-	-	-
600 to 999 miles	551	100.0	18.9	74.4	3.6	3.1
Under 1,000 pounds	110	100.0	2.4	88.7	.8	8.1
1,000 to 9,999 pounds	217	100.0	5.9	89.7	1.0	3.4
10,000 to 29,999 pounds	118	100.0	52.1	44.2	3.7	-
30,000 to 59,999 pounds	89	100.0	12.2	72.8	14.0	1.0
60,000 to 89,999 pounds	12	100.0	100.0	-	-	-
90,000 pounds and over	5	100.0	81.0	19.0	-	-
1,000 miles and over	787	100.0	50.6	34.6	12.5	2.3
Under 1,000 pounds	95	100.0	4.8	82.5	1.2	11.5
1,000 to 9,999 pounds	188	100.0	10.3	70.0	17.1	2.6
10,000 to 29,999 pounds	119	100.0	10.4	42.7	45.0	1.9
30,000 to 59,999 pounds	29	100.0	19.1	40.6	39.0	1.3
60,000 to 89,999 pounds	64	100.0	100.0	-	-	-
90,000 pounds and over	292	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,299	100.0	38.3	50.5	8 8	2.4
Under 200 miles	71	100.0	7.3	83.3	7.2	2.2
Under 1,000 pounds	11	100.0	1.2	88.1	3.3	7.4
1,000 to 9,999 pounds	25	100.0	1.0	88.2	8.0	2.8
10,000 to 29,999 pounds	15	100.0	1.9	91.7	6.0	.4
30,000 to 59,999 pounds	13	100.0	4.8	87.5	7.7	-
60,000 to 89,999 pounds	2	100.0	38.9	38.6	22.5	-
90,000 pounds and over	5	100.0	65.0	25.0	10.0	-
200 to 399 miles	165	100.0	10.7	85.8	2.0	1.5
Under 1,000 pounds	31	100.0	.3	93.6	.7	5.4
1,000 to 9,999 pounds	70	100.0	2.8	94.9	1.3	1.0
10,000 to 29,999 pounds	33	100.0	4.4	90.3	5.3	-
30,000 to 59,999 pounds	17	100.0	15.8	81.9	2.3	-
60,000 to 89,999 pounds	4	100.0	84.0	16.0	-	-
90,000 pounds and over	10	100.0	87.0	13.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 183--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

General Industrial Machinery and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	279	100.0	25.7	72.3	1.1	0.9
Under 1,000 pounds	38	100.0	.7	92.4	.6	6.3
1,000 to 9,999 pounds	78	100.0	4.3	93.8	1.6	.3
10,000 to 29,999 pounds	42	100.0	11.7	85.2	3.1	-
30,000 to 59,999 pounds	59	100.0	2.1	97.5	.4	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	60	100.0	100.0	-	-	-
600 to 999 miles	420	100.0	19.0	74.2	3.8	3.0
Under 1,000 pounds	84	100.0	2.5	88.7	.8	8.0
1,000 to 9,999 pounds	163	100.0	5.8	90.0	1.0	3.2
10,000 to 29,999 pounds	88	100.0	53.5	42.8	3.7	-
30,000 to 59,999 pounds	72	100.0	12.3	72.5	14.5	.7
60,000 to 89,999 pounds	9	100.0	100.0	-	-	-
90,000 pounds and over	4	100.0	83.6	16.4	-	-
1,000 miles and over	1,364	100.0	51.8	32.7	12.9	2.6
Under 1,000 pounds	157	100.0	5.2	81.0	1.3	12.5
1,000 to 9,999 pounds	317	100.0	10.8	67.1	18.9	3.2
10,000 to 29,999 pounds	211	100.0	9.6	40.8	47.5	2.1
30,000 to 59,999 pounds	41	100.0	16.1	48.6	32.6	2.7
60,000 to 89,999 pounds	119	100.0	100.0	-	-	-
90,000 pounds and over	519	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 183--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

General Industrial Machinery and Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	3,348	100.0	23.3	66.5	8.3	0.5	0.1	1.3	-
New England	218	100.0	1.0	96.0	.3	.5	.3	1.9	-
Middle Atlantic	736	100.0	26.5	63.0	7.6	.6	.1	2.2	-
East North Central	1,793	100.0	26.9	62.5	6.6	.2	-	1.1	-
West North Central	175	100.0	9.0	87.5	1.0	1.9	-	.5	0.1
East South Central	76	100.0	15.6	81.7	-	.6	-	2.1	-
Pacific[1]	269	100.0	20.3	40.8	37.2	1.1	.1	.5	-
Balance of United States[2]	81	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	2,375	100.0	37.7	51.1	8.7	.9	.2	1.4	-
New England	127	100.0	3.7	92.9	.2	.9	.1	2.2	-
Middle Atlantic	374	100.0	34.9	57.9	2.0	1.5	.7	3.0	-
East North Central	1,263	100.0	53.0	43.6	2.1	.3	-	1.0	-
West North Central	120	100.0	8.6	87.5	.6	2.8	-	.4	.1
East South Central	46	100.0	12.9	80.8	-	1.1	-	5.2	-
Pacific[1]	382	100.0	15.0	37.9	44.8	1.6	.3	.4	-
Balance of United States[2]	63	-	-	-	-	-	-	-	-

[1]No data were obtained on shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 183--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

General Industrial Machinery and Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	3,348	3,348	137	584	1,290	162	263	111	224	72	505
Ton-miles.....millions..	2,375	2,375	66	261	550	100	170	100	221	71	836
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	3,348	100.0	4.1	17.4	38.6	4.8	7.8	3.3	6.7	2.2	15.1
Shipments from--											
New England.....	218	100.0	18.6	27.1	25.1	7.1	12.0	2.4	3.3	1.3	3.1
Middle Atlantic.....	736	100.0	3.5	30.6	44.6	2.7	5.1	1.9	8.3	.6	2.7
East North Central.....	1,793	100.0	2.9	13.4	39.3	4.3	9.1	2.7	5.3	1.5	21.5
West North Central.....	175	100.0	2.5	10.6	39.0	13.3	4.9	7.3	9.5	2.8	10.1
East South Central.....	76	100.0	1.7	11.5	36.8	10.4	10.3	3.4	15.6	4.6	5.7
Pacific[2].....	269	100.0	1.0	7.1	38.2	2.1	2.7	9.4	7.8	8.8	22.9
Balance of U.S.[3].....	81	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	2,375	100.0	2.8	11.0	23.2	4.2	7.2	4.2	9.3	3.0	35.1
Shipments from--											
New England.....	127	100.0	2.0	10.4	30.0	14.1	13.3	3.8	8.7	4.2	13.5
Middle Atlantic.....	374	100.0	1.3	8.8	43.1	5.4	3.5	2.8	20.2	2.0	12.9
East North Central.....	1,263	100.0	3.3	10.7	8.6	2.6	8.2	1.6	6.4	2.7	55.9
West North Central.....	120	100.0	4.2	15.3	27.9	4.3	7.4	8.0	9.7	2.8	20.4
East South Central.....	46	100.0	2.0	12.0	25.3	10.4	8.1	1.4	10.8	10.5	19.5
Pacific[2].....	382	100.0	1.8	12.0	50.7	2.2	4.3	13.7	7.1	2.8	5.4
Balance of U.S.[3].....	63	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 183--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

General Industrial Machinery and Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	3,348	100.0	23.3	66.5	8.3	0.5	0.1	1.3	-
Middle Atlantic, total	736	100.0	26.5	63.0	7.6	.6	.1	2.2	-
Shipments to--									
New England	25	100.0	.8	95.3	1.0	.9	-	2.0	-
Middle Atlantic	225	100.0	9.3	65.5	22.0	.3	-	2.9	-
East North Central	329	100.0	35.7	62.7	.7	.4	-	.5	-
West North Central	20	100.0	46.6	49.5	.2	.8	-	2.9	-
South Atlantic	38	100.0	18.2	67.3	5.7	.4	-	8.4	-
West South Central	61	100.0	50.3	46.5	1.5	.8	-	.9	-
Pacific	20	100.0	27.0	42.1	3.6	7.6	4.1	15.6	-
East North Central, total	1,793	100.0	26.9	65.2	6.6	.2	-	1.1	-
Shipments to--									
New England	53	100.0	18.6	72.2	.6	.3	-	8.3	-
Middle Atlantic	241	100.0	18.9	78.5	1.1	.8	.2	.5	-
East North Central	702	100.0	7.3	79.0	12.9	.1	-	.7	-
West North Central	78	100.0	1.9	83.9	12.4	.1	-	1.7	-
South Atlantic	163	100.0	11.7	84.5	1.0	.3	-	2.5	-
East South Central	49	100.0	4.0	87.4	6.8	.3	-	1.5	-
West South Central	95	100.0	32.9	56.8	8.6	.9	-	.8	-
Pacific	386	100.0	82.7	15.9	.7	.1	-	.6	-
Pacific, total	269	100.0	20.3	40.8	37.2	1.1	.1	.5	-
Shipments to--									
East North Central	103	100.0	.1	16.7	80.5	2.3	-	.4	-
Pacific	62	100.0	26.0	65.0	7.3	.3	.6	.8	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,375	100.0	37.7	51.1	8.7	.9	.2	1.4	-
Middle Atlantic, total	374	100.0	34.9	57.9	2.0	1.5	.7	3.0	-
Shipments to--									
New England	5	100.0	1.0	93.7	1.6	1.6	-	2.1	-
Middle Atlantic	33	100.0	9.6	79.1	8.5	.3	-	2.5	-
East North Central	161	100.0	34.9	63.5	.7	.4	-	.5	-
West North Central	20	100.0	56.1	40.2	.2	.6	-	2.9	-
South Atlantic	13	100.0	17.7	68.6	3.8	.6	-	9.3	-
West South Central	76	100.0	52.7	44.2	1.4	.8	-	.9	-
Pacific	48	100.0	28.3	41.3	3.7	7.8	5.1	13.8	-
East North Central, total	1,263	100.0	53.0	43.6	2.1	.3	-	1.0	-
Shipments to--									
New England	42	100.0	19.4	71.6	.5	.3	-	8.2	-
Middle Atlantic	135	100.0	22.2	75.3	1.0	.8	.2	.5	-
East North Central	109	100.0	5.3	88.6	5.3	.1	-	.7	-
West North Central	33	100.0	1.6	78.7	17.9	.1	-	1.7	-
South Atlantic	104	100.0	9.0	87.3	.7	.5	-	2.5	-
East South Central	21	100.0	8.5	85.0	4.5	.3	-	1.7	-
West South Central	80	100.0	36.1	53.2	9.1	.9	-	.7	-
Pacific	704	100.0	82.8	16.0	.6	.1	-	.5	-
Pacific, total	382	100.0	15.0	37.9	44.8	1.6	.3	.4	-
Shipments to--									
East North Central	193	100.0	.1	16.6	80.4	2.5	-	.4	-
Pacific	21	100.0	31.3	58.2	3.7	.7	5.5	.6	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 183--Percent Distribution by Means of Transport and Distance, for Plants: 1967

General Industrial Machinery and Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	3,348	234	1,352	1,762	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,375	181	1,109	1,085
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	23.3	25.9	28.2	19.1	37.7	36.9	51.2	24.1
Motor carrier.....	66.5	67.4	62.3	69.6	51.1	57.5	44.6	56.9
Private truck.....	8.3	2.0	7.6	9.8	8.7	.3	2.3	16.6
Air.....	.5	.5	.5	.5	.9	.7	.8	.9
Water.....	.1	.2	.1	-	.2	.8	.1	.2
Other.....	1.3	4.0	1.3	1.0	1.4	3.8	1.0	1.3
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	13.2	9.6	14.6	12.5	1.0	.7	.8	1.3
100 to 199 miles.....	10.6	14.3	6.8	12.9	2.1	2.6	1.2	2.9
200 to 299 miles.....	10.3	7.1	10.0	11.0	3.6	2.2	3.0	4.5
300 to 399 miles.....	7.1	13.1	6.0	7.2	3.5	6.4	2.5	4.0
400 to 499 miles.....	10.8	12.1	4.9	15.1	7.0	6.7	2.7	11.4
500 to 999 miles.....	23.6	14.6	26.7	22.5	23.3	13.0	23.4	25.0
1,000 miles and over.....	24.4	29.2	31.0	18.8	59.5	68.4	66.4	50.9

Table 8. SHIPPER CLASS 183--Percent Distribution of Plants, by Available Shipping Facilities: 1967

General Industrial Machinery and Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	34.4	23.5	39.2	66.1
Highway facilities	90.9	96.0	88.5	76.6
Rail and highway facilities	30.6	23.5	33.1	53.3
Air facilities	86.3	87.9	85.5	82.2
Rail, highway, and air facilities	27.3	23.5	28.0	42.3
Water facilities	15.6	16.2	13.1	22.3
Rail, highway, air, and water facilities	3.7	-	5.7	13.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.4 percent reported they did not have any of the above transportation facilities available.

Shipper Group 19

Machinery, Except Electrical and Industrial

191 Engines and turbines
192 Farm machinery and equipment
193 Construction, mining, and materials handling equipment
194 Office and service industry machinery
195 Miscellaneous machinery and parts, except electrical

SAMPLE SIZE

The sample for this shipper group consisted of 695 establishments, of which 595 were in scope and provided data from 76,963 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (100 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The five classes in Shipper Group 19 and their related SIC industries are as follows:

Shipper Class 191.--Engines and turbines
- SIC 3511.--Steam engines; steam, gas, and hydraulic turbines; and steam, gas, and hydraulic turbine generator set units
- SIC 3519.--Internal combustion engines, n.e.c.

Shipper Class 192.--Farm machinery and equipment
- SIC 3522.--Farm machinery and equipment

Shipper Class 193.--Construction, mining, and materials handling equipment
- SIC 3531.--Construction machinery and equipment
- SIC 3532.--Mining machinery and equipment, except oil field machinery and equipment
- SIC 3533.--Oil field machinery and equipment
- SIC 3534.--Elevators and moving stairways
- SIC 3535.--Conveyors and conveying equipment
- SIC 3536.--Hoists, industrial cranes, and monorail systems
- SIC 3537.--Industrial trucks, tractors, trailers, and stackers

Shipper Class 194.--Office and service industry machinery
- SIC 3572.--Typewriters
- SIC 3573.--Electronic computing equipment
- SIC 3574.--Calculating and accounting machines, except electronic computing equipment
- SIC 3576.--Scales and balances, except laboratory
- SIC 3579.--Office machines, not elsewhere classified
- SIC 3581.--Automatic merchandising machines
- SIC 3582.--Commercial laundry, drycleaning, and pressing machines
- SIC 3585.--Air conditioning equipment and commercial and industrial refrigeration machinery and equipment
- SIC 3589.--Service industry machines, not elsewhere classified

Shipper Class 195.--Miscellaneous machinery and parts, except electrical
- SIC 3599.--Miscellaneous machinery, except electrical

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification.[5] Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
191--Engines and turbines	3511,3519	3511,3519
192--Farm machinery and equipment	3522	3522
193--Construction, mining, and materials handling equipment	3531,3532,3533,3534, 3535,3536,3537,	3531,3532,3533,3534, 3535,3536,3537,
194--Office and service industry machinery	3572,3573,3574,3576, 3579,3581,3582,3585, 3589	3572,3573,3574,3576, 3579,3581,3582,3585, 3589
195--Miscellaneous machinery and parts, except electrical	3599	3599

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 76 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 19	15,820	100.0	76.2	23.8
Class 191	1,237	100.0	75.9	24.1
Class 192	4,199	100.0	87.3	12.7
Class 193	6,386	100.0	73.4	26.6
Class 194	3,520	100.0	68.8	31.2
Class 195	478	100.0	69.9	30.1

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Machinery, Except Electrical and Industrial Shipper Group shipped (beyond the local area) about 15,820,000 tons of commodities during 1967. Those shipments generated about 9 billion ton-miles by all means of transport combined, averaging about 577 straight-line miles per ton shipped.

As shown in table A, of the total tons shipped by this shipper group, about 40 percent were shipped by the Construction, Mining, and Materials Handling Equipment Class; 27 percent by the Farm Machinery and Equipment Class; 22 percent by the Office and Service Industry Machinery Class; 8 percent by the Engines and Turbines Class; and 3 percent by the Miscellaneous Machinery and Parts Class.

Motor carriers (for-hire carriers) transported more than half of the total tonnage for the shipper group as a whole and for three of the shipper classes. The rails' share of the tonnage for the shipper group was 32 percent, and ranged from 23 to 40 percent for each of the shipper classes except Miscellaneous Machinery and Parts. Almost all of the shipments by the Miscellaneous Machinery and Parts Shipper Class moved on highways, 58 percent by motor carriers and 38 percent by private trucks.

When measured in terms of ton-miles, rather than tons, rails' share is about equal to motor carriers' for the shipper group and was dominant for the farm and construction machinery shipper classes. Of the 9 billion ton-miles for the shipper group, rail and motor carrier each accounted for 4 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e. beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 1.5 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Machinery, except Electrical and Industrial Shipper Group and shipper classes for both years. A small increase for the shipper group is indicated in the table, from 13.9 million tons in 1963 to 15.8 million in 1967. Increases occur in each of the shipper classes except Construction, Mining, and Materials Handling Equipment.

As shown in table C, the relative distribution by means of transport for the two years is fairly stable for the shipper group and the shipper classes. The greatest amount of shift appears to be in the Construction, Mining, and Materials Handling Equipment Shipper Class, where rail decreased by 9 percent in 1967 with motor carrier and private truck sharing the increase about equally. In terms of ton-miles, variations between the two years are somewhat larger than was found for tons, but the relative distribution between the various means of transport remains essentially unchanged.

There is a general tendency toward shorter hauls for the shipper group and most of the shipper classes, with few exceptions. As shown in table D, most of the tendency for the length of haul to become shorter occurred in railroad movements. It should be noted that the average length of haul is based solely on *intercity* (i.e. beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 19: Machinery, except electrical and industrial	15,820	5,084	8,258	2,202	276
Shipper Classes:					
191. Engines and turbines	1,237	348	770	100	19
192. Farm machinery and equipment	4,199	1,357	1,763	1,032	47
193. Construction, mining, and materials handling equipment	6,386	2,560	3,147	601	78
194. Office and service industry machinery	3,520	814	2,299	288	119
195. Miscellaneous machinery and parts, except electrical	478	6	278	181	13
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 19: Machinery, except electrical and industrial	9,126	4,051	4,106	689	280
Shipper Classes:					
191. Engines and turbines	739	327	346	29	37
192. Farm machinery and equipment	1,877	840	706	311	20
193. Construction, mining, and materials handling equipment	4,045	2,107	1,631	231	76
194. Office and service industry machinery	2,316	773	1,312	93	138
195. Miscellaneous machinery and parts, except electrical	149	4	112	24	9

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 19: Machinery, except electrical and industrial.....	15,820	13,919	14,130
Shipper Classes:			
191. Engines and turbines.....	1,237	1,080	1,088
192. Farm machinery and equipment....	4,199	3,190	3,205
193. Construction, mining, and materials handling equipment...	6,386	7,040	7,048
194. Office and service industry machinery.....	3,520	2,160	2,283
195. Miscellaneous machinery and parts, except electrical.....	478	449	506

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 19: Machinery, except electrical and industrial:					
1967	100.0	32.1	52.3	13.9	1.7
1963	100.0	37.0	50.6	9.7	2.7
Shipper Classes					
191. Engines and turbines:					
1967	100.0	28.1	62.3	8.1	1.5
1963	100.0	21.0	63.4	13.7	1.9
192. Farm machinery and equipment:					
1967	100.0	32.3	42.0	24.6	1.1
1963	100.0	35.2	45.9	15.0	3.9
193. Construction, mining, and materials handling equipment:					
1967	100.0	40.1	49.3	9.4	1.2
1963	100.0	49.7	44.1	4.7	1.5
194. Office and service industry machinery:					
1967	100.0	23.1	65.3	8.2	3.4
1963	100.0	15.6	66.3	13.2	4.9
195. Miscellaneous machinery and parts, except electrical:					
1967	100.0	1.3	58.1	37.8	2.8
1963	100.0	3.0	71.0	22.0	4.0
TON-MILES					
Shipper Group 19: Machinery, except electrical and industrial:					
1967	100.0	44.4	45.0	7.6	3.0
1963	100.0	51.5	40.0	4.5	4.0
Shipper Classes					
191. Engines and turbines:					
1967	100.0	44.2	46.7	3.9	5.2
1963	100.0	33.1	55.8	7.0	4.1
192. Farm machinery and equipment:					
1967	100.0	44.8	37.6	16.6	1.0
1963	100.0	49.0	38.0	10.0	3.0
193. Construction, mining, and materials handling equipment:					
1967	100.0	52.1	40.3	5.7	1.9
1963	100.0	62.3	33.0	2.5	2.2
194. Office and service industry machinery:					
1967	100.0	33.4	56.5	4.0	6.1
1963	100.0	31.1	54.1	4.1	10.7
195. Miscellaneous machinery and parts, except electrical:					
1967	100.0	2.6	75.0	16.3	6.1
1963	100.0	10.8	74.3	8.2	6.7

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 19: Machinery, except electrical and industrial:				
1967	577	797	497	313
1963	614	855	485	285
SHIPPER CLASSES				
191. Engines and turbines:				
1967	597	940	449	290
1963	511	807	449	262
192. Farm machinery and equipment:				
1967	447	619	400	301
1963	474	660	393	316
193. Construction, mining, and materials handling equipment:				
1967	633	823	518	384
1963	701	879	525	375
194. Office and service industry machinery:				
1967	658	950	571	323
1963	609	1,216	497	189
195. Miscellaneous machinery and parts, except electrical:				
1967	312	667	403	133
1963	528	1,933	552	198

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 19: Machinery, Except Electrical and Industrial

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	31.1	52.9	14.1	1.9
1963	100.0	37.1	51.3	9.0	2.6
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	16.0	56.6	25.9	1.5
1963	100.0	10.3	64.8	21.3	3.6
200 to 399 miles:					
1967	100.0	24.0	59.8	15.2	1.0
1963	100.0	21.4	65.0	11.8	1.8
400 to 599 miles:					
1967	100.0	27.9	60.3	10.5	1.3
1963	100.0	39.1	54.7	5.1	1.1
600 to 999 miles:					
1967	100.0	42.1	47.2	9.3	1.4
1963	100.0	53.5	42.1	2.7	1.7
1,000 miles and over:					
1967	100.0	55.7	36.8	2.9	4.6
1963	100.0	64.7	28.1	2.3	4.9
WEIGHT					
Under 1,000 pounds:					
1967	100.0	2.7	81.1	7.0	9.2
1963	100.0	2.9	80.2	6.0	10.9
1,000 to 9,999 pounds:					
1967	100.0	4.2	69.5	23.4	2.9
1963	100.0	3.8	71.0	17.9	7.3
10,000 to 29,999 pounds:					
1967	100.0	27.2	56.8	14.5	1.5
1963	100.0	24.6	60.1	14.4	.9
30,000 pounds and over:					
1967	100.0	51.7	37.4	10.5	.4
1963	100.0	59.8	36.0	3.3	.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 19: Machinery, Except Electrical and Industrial

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	32.1	52.3	13.9	1.7
1963	100.0	37.0	50.6	9.7	2.7
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	.2	86.1	10.3	3.4
20 to 99 employees:					
1967	100.0	10.0	60.9	27.2	1.9
1963	100.0	5.8	58.6	32.8	2.8
100 to 499 employees:					
1967	100.0	17.5	60.3	20.0	2.2
1963	100.0	40.7	49.4	7.3	2.6
500 employees and over:					
1967	100.0	43.2	47.1	8.3	1.4
1963	100.0	40.3	49.1	7.9	2.7

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 19: Machinery, Except Electrical and Industrial

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	32.1	52.3	13.9	1.7
1963	100.0	37.0	50.6	9.7	2.7
Middle Atlantic:					
1967	100.0	28.0	61.8	7.2	3.0
1963	100.0	22.9	59.9	13.1	4.1
East North Central:					
1967	100.0	36.6	50.5	11.3	1.6
1963	100.0	38.8	51.0	8.0	2.2
West North Central:					
1967	100.0	31.4	44.0	23.4	1.2
1963	100.0	49.1	39.8	8.4	2.7
South Atlantic and East South Central:					
1967	100.0	36.9	47.0	15.3	.8
1963	100.0	20.7	63.6	14.5	1.2
West South Central:					
1967	100.0	20.9	50.5	26.6	2.0
1963	100.0	10.2	65.2	21.5	3.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 19: MACHINERY EXCEPT, ELECTRICAL AND INDUSTRIAL		
Total shipments	15,820	8.6
Shipments by--		
Rail	5,084	5.2
Motor carrier	8,258	13.0
Private truck	2,202	13.4
All other	276	-
Shipments from--		
New England Division	152	27.8
Middle Atlantic Division	1,658	9.6
East North Central Division	8,255	11.4
West North Central Division	2,198	13.6
South Atlantic Division	292	23.2
East South Central Division	1,247	10.0
West South Central Division	1,266	29.4
Mountain Division	42	17.0
Pacific Division	710	40.6
SHIPPER CLASS 191: ENGINES AND TURBINES		
Total shipments	1,237	7.6
Shipments by--		
Rail	348	16.2
Motor carrier	770	6.8
Private truck	100	13.2
All other	19	-
Shipments from--		
New England Division	32	24.0
Middle Atlantic Division	169	11.2
East North Central Division	961	7.6
Pacific Division	12	34.8
Balance of United States	63	-
SHIPPER CLASS 192: FARM MACHINERY AND EQUIPMENT		
Total shipments	4,199	9.8
Shipments by--		
Rail	1,357	10.0
Motor carrier	1,763	12.4
Private truck	1,032	24.8
All other	47	-
Shipments from--		
East North Central Division	2,055	11.4
West North Central Division	1,525	19.6
South Atlantic Division	81	34.0
Balance of United States	538	-
SHIPPER CLASS 193: CONSTRUCTION, MINING, AND MATERIALS HANDLING EQUIPMENT		
Total shipments	6,386	15.6
Shipments by--		
Rail	2,560	8.6
Motor carrier	3,147	26.2
Private truck	601	13.2
All other	78	-
Shipments from--		
New England Division	14	38.2
Middle Atlantic Division	688	22.0
East North Central Division	4,099	21.4
West North Central Division	469	26.2
South Atlantic Division	67	59.4
East South Central Division	251	41.4
West South Central Division	583	13.2
Mountain Division	22	28.8
Pacific Division	193	25.2
SHIPPER CLASS 194: OFFICE AND SERVICE INDUSTRY MACHINERY		
Total Shipments	3,520	11.6
Shipments by--		
Rail	814	10.6
Motor carrier	2,299	13.6
Private truck	288	20.8
All other	119	-
Shipments from--		
New England Division	96	44.4
Middle Atlantic Division	649	11.6
East North Central Division	825	11.2
West North Central Division	157	20.6
South Atlantic Division	114	38.6
West South Central Division	458	75.0
Pacific Division	427	57.0
Balance of United States	794	-
SHIPPER CLASS 195: MACHINERY AND PARTS, EXCEPT ELECTRICAL		
Total shipments	478	37.0
Shipments by--		
Rail	6	76.0
Motor carrier	278	23.6
Private truck	181	66.0
All other	13	-
Shipments from--		
New England Division	10	46.6
Middle Atlantic Division	51	50.2
East North Central Division	315	55.0
West North Central Division	34	23.6
South Altantic Division	30	52.0
Pacific Division	25	50.0
Balance of United States	13	-

TABLE 1. SHIPPER GROUP 19--Percent Distribution of Distance, by Means of Transport: 1967

Machinery, Except Electrical and Industrial

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	15,820	100.0	32.1	52.3	13.9	0.3	0.2	0.8	0.4
Under 50 miles	834	100.0	12.6	56.5	29.5	.1	.3	.9	.1
50 to 99 miles	868	100.0	7.0	57.7	33.4	.6	-	1.2	.1
100 to 199 miles	2,303	100.0	21.2	56.2	21.3	.1	-	.8	.4
200 to 299 miles	1,841	100.0	15.2	65.1	18.6	.2	-	.5	.4
300 to 399 miles	1,898	100.0	31.5	54.4	13.2	.1	.2	.4	.2
400 to 499 miles	1,283	100.0	27.0	64.9	7.2	.2	-	.6	.1
500 to 599 miles	992	100.0	28.9	55.6	13.9	.3	.1	1.0	.2
600 to 799 miles	2,143	100.0	43.8	45.6	9.2	.2	.2	.8	.2
800 to 999 miles	1,204	100.0	48.2	43.3	7.3	.4	-	.7	.1
1,000 to 1,199 miles	597	100.0	47.3	45.2	4.3	1.0	-	2.1	.1
1,200 to 1,499 miles	548	100.0	60.6	35.1	2.7	.5	.3	.8	-
1,500 to 1,999 miles	906	100.0	64.0	29.0	2.1	.5	.3	.7	3.4
2,000 miles and over	403	100.0	51.6	37.9	1.6	1.8	4.7	2.3	.1
TON-MILES	(millions of ton-miles)								
Total	9,126	100.0	44.4	45.0	7.6	.5	.9	1.0	.6
Under 50 miles	23	100.0	8.2	58.2	32.3	.1	.1	1.0	.1
50 to 99 miles	66	100.0	7.2	59.1	31.9	.6	-	1.1	.1
100 to 199 miles	349	100.0	21.1	56.4	21.1	.1	-	.9	.4
200 to 299 miles	459	100.0	15.2	65.9	17.9	.2	-	.5	.3
300 to 399 miles	656	100.0	31.9	54.3	12.9	.1	.2	.4	.2
400 to 499 miles	577	100.0	27.3	64.8	7.1	.2	-	.5	.1
500 to 599 miles	545	100.0	28.8	55.7	13.9	.3	.1	1.0	.2
600 to 799 miles	1,491	100.0	44.4	45.4	8.8	.2	.2	.8	.2
800 to 999 miles	1,062	100.0	47.6	43.8	7.4	.4	-	.7	.1
1,000 to 1,199 miles	651	100.0	47.4	45.2	4.3	.9	-	2.1	.1
1,200 to 1,499 miles	735	100.0	60.9	34.9	2.6	.5	.3	.8	-
1,500 to 1,999 miles	1,554	100.0	63.4	29.9	2.1	.5	.3	.7	3.1
2,000 miles and over	958	100.0	48.7	38.1	1.5	1.9	7.4	2.3	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 19--Percent Distribution of Weight, by Means of Transport: 1967

Machinery, Except Electrical and Industrial

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	14,771	100.0	31.1	52.9	14.1	1.9
Under 1,000 pounds	1,000	100.0	2.7	81.1	7.0	9.2
Under 50 pounds	45	100.0	2.0	34.3	4.9	58.8
50 to 99 pounds	61	100.0	2.1	67.9	10.3	19.7
100 to 199 pounds	117	100.0	2.2	81.4	4.7	11.7
200 to 499 pounds	319	100.0	2.2	86.0	5.9	5.9
500 to 999 pounds	458	100.0	3.5	83.9	8.1	4.5
1,000 to 9,999 pounds	2,894	100.0	4.2	69.5	23.4	2.9
1,000 to 1,999 pounds	630	100.0	2.0	79.5	14.8	3.7
2,000 to 2,999 pounds	432	100.0	2.0	75.0	18.9	4.1
3,000 to 3,999 pounds	457	100.0	2.8	76.2	18.3	2.7
4,000 to 4,999 pounds	341	100.0	6.3	58.9	32.3	2.5
5,000 to 9,999 pounds	1,034	100.0	6.5	61.5	29.8	2.2
10,000 to 29,999 pounds	4,803	100.0	27.2	56.8	14.5	1.5
10,000 to 19,999 pounds	2,216	100.0	24.2	54.2	19.5	2.1
20,000 to 29,999 pounds	2,587	100.0	29.8	59.2	10.2	.8
30,000 to 59,999 pounds	3,888	100.0	37.1	48.6	14.0	.3
30,000 to 39,999 pounds	2,018	100.0	33.7	55.7	10.0	.6
40,000 to 49,999 pounds	1,301	100.0	33.0	43.6	23.4	-
50,000 to 59,999 pounds	569	100.0	58.2	35.1	6.5	.2
60,000 to 89,999 pounds	1,016	100.0	81.5	14.9	2.9	.7
60,000 to 69,999 pounds	588	100.0	87.0	9.2	2.5	1.3
70,000 to 79,999 pounds	188	100.0	58.0	35.1	6.6	.3
80,000 to 89,999 pounds	240	100.0	86.3	12.5	1.2	-
90,000 pounds and over	1,170	100.0	74.4	19.8	5.7	.1
TON-MILES	(millions of ton-miles)					
Total	8,483	100.0	42.9	46.0	7.8	3.3
Under 1,000 pounds	617	100.0	5.2	80.3	2.3	12.2
Under 50 pounds	26	100.0	3.2	33.3	1.1	62.4
50 to 99 pounds	36	100.0	4.2	69.6	1.6	24.6
100 to 199 pounds	72	100.0	4.9	77.6	2.3	15.2
200 to 499 pounds	197	100.0	4.3	84.7	2.1	8.9
500 to 999 pounds	286	100.0	6.2	83.8	2.6	7.4
1,000 to 9,999 pounds	1,492	100.0	7.6	76.3	10.9	5.2
1,000 to 1,999 pounds	373	100.0	3.8	85.0	5.4	5.8
2,000 to 2,999 pounds	215	100.0	3.3	80.7	8.6	7.4
3,000 to 3,999 pounds	210	100.0	6.8	79.2	8.6	5.4
4,000 to 4,999 pounds	182	100.0	12.1	70.7	13.4	3.8
5,000 to 9,999 pounds	512	100.0	10.9	68.9	15.9	4.3
10,000 to 29,999 pounds	2,597	100.0	40.3	47.1	9.7	2.9
10,000 to 19,999 pounds	1,207	100.0	34.7	47.0	13.9	4.4
20,000 to 29,999 pounds	1,390	100.0	45.1	47.0	6.1	1.8
30,000 to 59,999 pounds	2,205	100.0	51.7	39.1	8.7	.5
30,000 to 39,999 pounds	1,041	100.0	46.0	45.9	7.2	.9
40,000 to 49,999 pounds	756	100.0	48.2	37.0	14.8	-
50,000 to 59,999 pounds	408	100.0	73.0	25.5	1.3	.2
60,000 to 89,999 pounds	958	100.0	87.7	8.3	.9	3.1
60,000 to 69,999 pounds	549	100.0	87.4	6.6	.7	5.3
70,000 to 79,999 pounds	102	100.0	71.8	23.1	4.7	.4
80,000 to 89,999 pounds	307	100.0	93.5	6.4	.1	-
90,000 pounds and over	614	100.0	76.5	17.5	5.6	.4

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 19--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Machinery, Except Electrical and Industrial

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	14,771	100.0	31.1	52.9	14.1	1.9
Under 200 miles	3,730	100.0	16.0	56.6	25.9	1.5
Under 1,000 pounds	249	100.0	.1	71.6	20.8	7.5
1,000 to 9,999 pounds	880	100.0	-	51.2	46.7	2.1
10,000 to 29,999 pounds	989	100.0	5.6	65.6	27.3	1.5
30,000 to 59,999 pounds	990	100.0	10.5	67.3	22.0	.2
60,000 to 89,999 pounds	262	100.0	77.2	19.2	3.5	.1
90,000 pounds and over	360	100.0	65.5	32.7	1.8	-
200 to 399 miles	3,596	100.0	24.0	59.8	15.2	1.0
Under 1,000 pounds	212	100.0	1.5	88.6	3.3	6.6
1,000 to 9,999 pounds	704	100.0	2.1	73.1	22.8	2.0
10,000 to 29,999 pounds	1,338	100.0	19.4	64.9	15.4	.3
30,000 to 59,999 pounds	953	100.0	31.3	52.5	15.8	.4
60,000 to 89,999 pounds	104	100.0	53.0	35.4	11.6	-
90,000 pounds and over	285	100.0	81.7	14.9	3.3	.1
400 to 599 miles	2,167	100.0	27.9	60.3	10.5	1.3
Under 1,000 pounds	152	100.0	2.6	87.2	2.8	7.4
1,000 to 9,999 pounds	417	100.0	4.2	83.2	10.7	1.9
10,000 to 29,999 pounds	872	100.0	28.4	60.8	10.3	.5
30,000 to 59,999 pounds	543	100.0	36.5	48.2	14.7	.6
60,000 to 89,999 pounds	86	100.0	65.4	25.8	8.8	-
90,000 pounds and over	97	100.0	82.4	17.2	.3	.1
600 to 999 miles	3,001	100.0	42.1	47.2	9.3	1.4
Under 1,000 pounds	203	100.0	2.3	84.8	1.9	11.0
1,000 to 9,999 pounds	517	100.0	10.4	79.4	8.1	2.1
10,000 to 29,999 pounds	1,029	100.0	38.3	51.1	9.8	.8
30,000 to 59,999 pounds	855	100.0	59.1	31.0	9.7	.2
60,000 to 89,999 pounds	134	100.0	86.2	13.1	.3	.4
90,000 pounds and over	263	100.0	72.5	8.2	19.3	-
1,000 miles and over	2,277	100.0	55.7	36.8	2.9	4.6
Under 1,000 pounds	185	100.0	8.3	76.2	1.7	13.8
1,000 to 9,999 pounds	376	100.0	9.6	77.0	5.0	8.4
10,000 to 29,999 pounds	575	100.0	60.8	27.1	5.3	6.8
30,000 to 59,999 pounds	547	100.0	61.4	35.7	2.3	.6
60,000 to 89,999 pounds	429	100.0	92.9	5.4	.1	1.6
90,000 pounds and over	165	100.0	79.4	20.2	-	.4
TON-MILES	(millions of ton-miles)					
Total[1]	8,483	100.0	42.9	46.0	7.8	3.3
Under 200 miles	408	100.0	18.1	56.9	23.6	1.4
Under 1,000 pounds	24	100.0	.2	80.0	12.0	7.8
1,000 to 9,999 pounds	89	100.0	.1	55.8	42.2	1.9
10,000 to 29,999 pounds	105	100.0	7.2	63.8	27.0	2.0
30,000 to 59,999 pounds	119	100.0	11.7	65.9	22.3	.1
60,000 to 89,999 pounds	33	100.0	78.7	19.6	1.7	-
90,000 pounds and over	38	100.0	68.9	30.2	1.9	-
200 to 399 miles	1,078	100.0	25.5	59.2	14.4	.9
Under 1,000 pounds	62	100.0	1.7	88.5	3.2	6.6
1,000 to 9,999 pounds	205	100.0	2.2	73.3	22.5	2.0
10,000 to 29,999 pounds	396	100.0	20.5	64.6	14.6	.3
30,000 to 59,999 pounds	294	100.0	33.4	51.5	14.7	.4
60,000 to 89,999 pounds	31	100.0	55.4	34.3	10.3	-
90,000 pounds and over	90	100.0	81.4	15.1	3.4	.1

See footnote at end of table.

TABLE 3. SHIPPER GROUP 19--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Machinery, Except Electrical and Industrial

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES	(millions of ton-miles)					
400 to 599 miles	1,068	100.0	28.0	59.9	10.8	1.3
Under 1,000 pounds	75	100.0	2.4	87.4	2.8	7.4
1,000 to 9,999 pounds	206	100.0	4.4	82.9	10.7	2.0
10,000 to 29,999 pounds	437	100.0	29.0	59.7	10.7	.6
30,000 to 59,999 pounds	262	100.0	37.2	46.7	15.4	.7
60,000 to 89,999 pounds	41	100.0	65.2	25.5	9.3	-
90,000 pounds and over	47	100.0	80.5	19.0	.4	.1
600 to 999 miles	2,295	100.0	42.7	47.0	8.9	1.4
Under 1,000 pounds	159	100.0	2.5	84.9	1.9	10.7
1,000 to 9,999 pounds	405	100.0	11.2	78.9	7.8	2.1
10,000 to 29,999 pounds	781	100.0	39.1	50.3	9.8	.8
30,000 to 59,999 pounds	653	100.0	59.7	30.5	9.6	.2
60,000 to 89,999 pounds	105	100.0	86.2	13.1	.3	.4
90,000 pounds and over	192	100.0	75.9	8.2	15.9	-
1,000 miles and over	3,634	100.0	55.4	36.2	2.6	5.8
Under 1,000 pounds	298	100.0	8.5	74.5	1.4	15.6
1,000 to 9,999 pounds	587	100.0	9.3	76.1	4.4	10.2
10,000 to 29,999 pounds	877	100.0	59.8	27.5	5.0	7.7
30,000 to 59,999 pounds	877	100.0	61.7	35.4	2.2	.7
60,000 to 89,999 pounds	748	100.0	90.9	5.1	.1	3.9
90,000 pounds and over	247	100.0	75.7	23.3	-	1.0

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 19--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Machinery, Except Electrical and Industrial

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	15,820	100.0	32.1	52.3	13.9	0.3	0.2	0.8	0.4
New England	152	100.0	10.1	83.9	4.0	1.0	-	1.0	-
Middle Atlantic	1,658	100.0	28.0	61.8	7.2	.8	.7	1.4	.1
East North Central	8,255	100.0	36.6	50.5	11.3	.2	.2	.7	.5
West North Central	2,198	100.0	31.4	44.0	23.4	.3	-	.9	-
South Atlantic	292	100.0	6.1	41.7	48.9	.3	.1	2.9	-
East South Central	1,247	100.0	44.1	48.2	7.4	.1	-	.2	-
West South Central	1,266	100.0	20.9	50.5	26.6	.2	.1	.6	1.1
Mountain	42	100.0	13.4	83.1	.6	2.8	-	.1	-
Pacific[1]	710	100.0	8.0	81.5	7.8	.7	1.0	1.0	-
TON-MILES	(millions of ton-miles)								
U.S. total	9,126	100.0	44.4	45.0	7.6	.5	.9	1.0	.6
New England	106	100.0	24.2	72.2	1.7	1.0	.3	.6	-
Middle Atlantic	1,260	100.0	43.4	48.9	3.6	.9	.7	2.5	-
East North Central	4,411	100.0	49.5	41.3	5.9	.3	1.1	.7	1.2
West North Central	1,113	100.0	41.3	41.9	14.5	.7	.3	1.3	-
South Atlantic	127	100.0	13.4	52.3	30.7	.5	1.6	1.5	-
East South Central	832	100.0	60.0	36.8	3.0	.1	-	.1	-
West South Central	773	100.0	32.0	47.6	18.5	.3	.1	.7	.8
Mountain	38	100.0	14.3	82.2	.3	3.0	-	.2	-
Pacific[1]	466	100.0	13.6	76.3	3.2	2.2	4.1	.6	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 19--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Machinery, Except Electrical and Industrial

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	15,820	15,820	358	2,242	4,292	2,402	1,618	867	1,789	630	1,622
Ton-miles.....millions..	9,126	9,126	258	1,264	1,099	871	1,083	443	1,137	734	2,237
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	15,820	100.0	2.3	14.2	27.0	15.2	10.2	5.5	11.3	4.0	10.3
Shipments from--											
New England.....	152	100.0	15.0	31.0	16.3	6.2	13.9	3.6	5.2	1.1	7.7
Middle Atlantic.....	1,658	100.0	4.7	28.9	19.6	5.4	12.7	5.5	8.0	3.0	12.2
East North Central.....	8,255	100.0	2.1	13.7	37.7	14.3	9.3	5.2	7.4	2.8	7.5
West North Central.....	2,198	100.0	1.1	8.7	18.1	41.2	7.4	4.5	10.5	3.8	4.7
South Atlantic.....	292	100.0	2.3	17.4	7.8	2.0	42.3	17.0	8.3	.9	2.0
East South Central.....	1,247	100.0	2.8	19.1	25.0	5.8	12.8	6.4	9.9	10.4	7.8
West South Central.....	1,266	100.0	.9	5.6	5.0	10.0	11.7	6.8	48.0	5.8	6.2
Mountain.....	42	100.0	2.1	15.6	12.5	8.1	7.3	.6	10.8	12.6	30.4
Pacific[2].....	710	100.0	1.0	3.8	4.4	1.3	2.8	4.0	6.3	7.2	69.2
TON-MILES	(millions)										
U.S. total.....	9,126	100.0	2.8	13.9	12.0	9.5	11.9	4.9	12.5	8.0	24.5
Shipments from--											
New England.....	106	100.0	1.2	9.6	17.1	9.6	15.1	5.2	10.6	3.2	28.4
Middle Atlantic.....	1,260	100.0	1.5	6.0	12.9	6.8	9.0	5.2	13.9	7.6	37.1
East North Central.....	4,411	100.0	3.1	15.1	12.0	10.4	11.6	4.5	11.1	6.6	25.6
West North Central.....	1,113	100.0	2.6	15.7	14.3	16.2	13.4	5.1	12.6	6.7	13.4
South Atlantic.....	127	100.0	5.4	19.0	10.1	4.4	20.9	7.9	17.1	3.7	11.5
East South Central.....	832	100.0	3.6	17.9	12.0	4.7	9.2	2.3	8.1	21.2	21.0
West South Central.....	773	100.0	2.2	11.3	7.1	10.0	17.7	4.6	21.9	8.7	16.5
Mountain.....	38	100.0	3.9	26.5	13.8	4.8	11.8	.9	10.6	1.7	26.0
Pacific[2].....	466	100.0	4.1	14.2	12.4	2.6	9.9	11.1	12.9	4.7	28.1

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 19--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Machinery, Except Electrical and Industrial

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	15,820	100.0	32.1	52.3	13.9	0.3	0.2	0.8	0.4
Middle Atlantic, total	1,658	100.0	28.0	61.8	7.2	.8	.7	1.4	.1
Shipments to--									
New England	79	100.0	6.3	86.7	5.9	.3	-	.8	-
Middle Atlantic	477	100.0	15.2	67.3	13.5	1.3	1.6	.8	.3
East North Central	326	100.0	22.6	69.6	6.1	.5	-	1.2	-
West North Central	90	100.0	35.8	59.4	1.4	.7	-	2.7	-
South Atlantic	211	100.0	25.3	67.2	6.7	.3	-	.5	-
East South Central	91	100.0	17.9	75.6	5.9	.4	-	.2	-
West South Central	132	100.0	48.2	43.7	3.5	.5	2.2	1.9	-
Mountain	50	100.0	50.3	37.9	8.7	.9	-	2.2	-
Pacific	202	100.0	60.7	33.3	.2	1.3	.3	4.2	-
East North Central, total	8,255	100.0	36.6	50.5	11.3	.2	.2	.7	.5
Shipments to--									
New England	171	100.0	38.0	56.6	4.1	.3	-	.8	.2
Middle Atlantic	1,133	100.0	39.5	55.5	3.6	.3	.3	.8	-
East North Central	3,108	100.0	22.2	59.3	17.7	.1	-	.4	.3
West North Central	1,181	100.0	40.1	46.2	12.7	.1	-	.9	-
South Atlantic	770	100.0	45.0	44.6	8.7	.3	.2	1.0	.2
East South Central	427	100.0	26.8	65.3	5.7	.1	-	1.9	.2
West South Central	615	100.0	49.9	35.6	13.5	.3	.2	.5	-
Mountain	232	100.0	57.1	28.7	.4	.6	-	.5	12.7
Pacific	618	100.0	71.6	23.4	1.6	.5	1.9	.7	.3
West North Central, total	2,198	100.0	31.4	44.0	23.4	.3	-	.9	-
Shipments to--									
New England	25	100.0	36.8	43.1	18.4	.6	-	1.0	.1
Middle Atlantic	191	100.0	41.3	42.9	11.2	1.4	-	3.2	-
East North Central	398	100.0	21.2	57.7	20.4	.3	-	.4	-
West North Central	906	100.0	23.3	44.8	31.4	-	-	.5	-
South Atlantic	162	100.0	38.9	51.7	7.6	1.2	-	.5	.1
East South Central	98	100.0	47.8	44.1	5.9	.1	-	2.1	-
West South Central	230	100.0	42.9	22.4	33.5	.1	-	1.1	-
Mountain	84	100.0	42.9	25.0	30.3	.4	-	1.4	-
Pacific	104	100.0	59.4	36.5	1.7	1.0	.7	.7	-
East South Central, total	1,247	100.0	44.1	48.2	7.4	.1	-	.2	-
Shipments to--									
Middle Atlantic	238	100.0	34.5	61.6	3.6	.2	-	.1	-
East North Central	313	100.0	15.9	73.5	10.4	.1	-	.1	-
South Atlantic	160	100.0	50.5	44.9	4.1	.1	-	.4	-
East South Central	80	100.0	27.4	49.5	22.7	.1	-	.3	-
West South Central	123	100.0	46.8	30.9	21.9	.1	-	.1	.2
Pacific	97	100.0	81.8	18.0	-	.1	-	.1	-
West South Central, total	1,266	100.0	20.9	50.5	26.6	.2	.1	.6	1.1
Shipments to--									
Middle Atlantic	71	100.0	39.5	53.3	5.6	.6	-	.8	.2
East North Central	64	100.0	18.0	48.9	26.5	.2	-	.5	5.9
West North Central	126	100.0	43.3	37.2	18.9	.1	-	.5	-
South Atlantic	148	100.0	56.6	33.9	8.3	.1	-	1.1	-
East South Central	86	100.0	12.5	21.3	65.4	-	-	.8	-
West South Central	608	100.0	3.3	61.7	32.8	.1	.2	.5	1.4
Mountain	73	100.0	1.5	69.7	25.5	.4	-	.3	2.6
Pacific	79	100.0	55.6	35.6	7.1	.4	.2	.7	.4
Pacific, total	710	100.0	8.0	81.5	7.8	.7	1.0	1.0	-
Shipments to--									
Middle Atlantic	27	100.0	9.9	81.6	1.2	5.6	1.5	.2	-
East North Central	31	100.0	9.1	80.9	6.7	2.9	-	.4	-
West North Central	9	100.0	3.3	90.5	-	3.0	-	3.2	-
South Atlantic	20	100.0	36.8	55.6	3.5	4.0	-	.1	-
East South Central	29	100.0	28.8	67.2	3.6	.4	-	-	-
West South Central	45	100.0	17.8	80.4	.7	.8	-	.3	-
Mountain	51	100.0	7.0	88.7	.5	.3	-	3.5	-
Pacific	492	100.0	4.9	82.5	10.3	.1	1.3	.9	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 19--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Machinery, Except Electrical and Industrial

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES	(millions of ton-miles)								
U.S. total	9,126	100.0	44.4	45.0	7.6	0.5	0.9	1.0	0.6
Middle Atlantic, total	1,260	100.0	43.4	48.9	3.6	.9	.7	2.5	-
Shipments to--									
New England	19	100.0	7.3	87.8	3.9	.3	-	.7	-
Middle Atlantic	75	100.0	16.6	67.7	11.8	1.0	2.1	.6	.2
East North Central	162	100.0	25.7	66.7	5.5	.6	-	1.5	-
West North Central	86	100.0	38.9	55.9	1.3	.7	-	3.2	-
South Atlantic	113	100.0	30.4	63.8	5.0	.5	-	.3	-
East South Central	65	100.0	18.9	74.0	6.3	.5	-	.3	-
West South Central	176	100.0	50.6	40.7	3.8	.5	2.5	1.9	-
Mountain	96	100.0	50.3	37.1	9.6	.9	-	2.1	-
Pacific	468	100.0	58.7	34.9	.2	1.3	.7	4.2	-
East North Central, total	4,411	100.0	49.5	41.3	5.9	.3	1.1	.7	1.2
Shipments to--									
New England	135	100.0	38.6	56.4	3.7	.3	-	.8	.2
Middle Atlantic	667	100.0	42.7	52.3	3.4	.3	.3	1.0	-
East North Central	528	100.0	26.8	59.1	13.3	.1	-	.4	.3
West North Central	457	100.0	41.5	47.8	9.9	.1	-	.7	-
South Atlantic	513	100.0	50.2	40.7	7.4	.3	.1	1.1	.2
East South Central	199	100.0	29.9	63.7	5.3	.1	-	.9	.1
West South Central	488	100.0	52.3	36.7	9.8	.3	.2	.6	.1
Mountain	290	100.0	54.6	28.6	.4	.5	-	.4	15.5
Pacific	1,134	100.0	69.3	23.7	1.5	.5	4.0	.7	.3
West North Central, total	1,113	100.0	41.3	41.9	14.5	.7	.3	1.3	-
Shipments to--									
New England	29	100.0	37.5	41.9	19.0	.5	-	1.0	.1
Middle Atlantic	175	100.0	41.8	41.7	11.5	1.5	-	3.5	-
East North Central	159	100.0	25.9	55.2	18.3	.2	-	.4	-
West North Central	180	100.0	28.2	45.4	25.9	-	-	.5	-
South Atlantic	150	100.0	39.0	51.1	8.0	1.3	-	.5	.1
East South Central	57	100.0	44.0	47.9	5.9	.1	-	2.1	-
West South Central	140	100.0	57.7	25.3	15.5	.2	-	1.3	-
Mountain	74	100.0	45.5	25.4	27.1	.4	-	1.6	-
Pacific	149	100.0	58.0	36.6	1.6	1.2	1.9	.7	-
East South Central, total	832	100.0	60.0	36.8	3.0	.1	-	.1	-
Shipments to--									
Middle Atlantic	149	100.0	33.5	62.9	3.3	.2	-	.1	-
East North Central	100	100.0	16.6	74.8	8.3	.1	-	.2	-
South Atlantic	77	100.0	59.7	36.1	3.6	.1	-	.5	-
East South Central	19	100.0	35.3	54.3	10.2	-	-	.2	-
West South Central	67	100.0	57.4	32.5	9.8	.1	-	.1	.1
Pacific	174	100.0	80.6	19.1	-	.2	-	.1	-
West South Central, total	773	100.0	32.0	47.6	18.5	.3	.1	.7	.8
Shipments to--									
Middle Atlantic	87	100.0	37.5	55.1	5.7	.7	-	.8	.2
East North Central	55	100.0	18.6	50.3	25.9	.2	-	.5	4.5
West North Central	77	100.0	41.4	39.7	18.2	.1	-	.5	.1
South Atlantic	137	100.0	54.9	36.1	7.9	.1	-	1.0	-
East South Central	35	100.0	12.8	24.9	61.7	-	-	.6	-
West South Central	168	100.0	4.2	60.9	32.8	.1	.2	.6	1.2
Mountain	67	100.0	1.9	74.5	21.5	.5	-	.2	1.4
Pacific	127	100.0	53.3	38.9	5.6	.5	.6	.8	.3
Pacific, total	466	100.0	13.6	76.3	3.2	2.2	4.1	.6	-
Shipments to--									
Middle Atlantic	66	100.0	9.8	81.7	1.2	5.6	1.5	.2	-
East North Central	58	100.0	9.2	80.9	6.5	3.0	-	.4	-
West North Central	12	100.0	3.9	89.6	-	3.5	-	3.0	-
South Atlantic	46	100.0	36.9	55.2	3.7	4.1	-	.1	-
East South Central	52	100.0	26.6	69.3	3.7	.4	-	-	-
West South Central	60	100.0	16.2	81.7	.9	.9	-	.3	-
Mountain	22	100.0	10.6	83.5	1.2	.5	-	4.2	-
Pacific	131	100.0	6.1	75.3	3.9	.3	13.9	.5	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 19--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Machinery, Except Electrical and Industrial

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	15,820	2,388	3,716	9,716	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	9,126	917	2,168	6,041
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	32.1	10.0	17.5	43.2	44.4	12.3	29.4	54.6
Motor carrier.....	52.3	60.9	60.3	47.1	45.0	65.4	55.3	38.2
Private truck.....	13.9	27.2	20.0	8.3	7.6	19.8	12.3	4.0
Air.....	.3	.1	.3	.3	.5	.2	.6	.6
Water.....	.2	.2	.4	.2	.9	.3	1.2	.9
Other.....	.8	1.0	1.4	.5	1.0	1.3	1.1	.9
Unknown.....	.4	.6	.1	.4	.6	.7	.1	.8
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	10.8	16.1	9.9	9.8	1.0	2.0	.9	.8
100 to 199 miles.....	14.6	19.4	15.4	13.1	3.8	7.6	4.1	3.1
200 to 299 miles.....	11.6	13.4	12.1	11.0	5.0	8.6	5.2	4.4
300 to 399 miles.....	12.0	17.1	10.5	11.3	7.2	15.3	6.2	6.3
400 to 499 miles.....	8.1	7.0	9.2	8.0	6.3	8.2	7.1	5.8
500 to 999 miles.....	27.4	22.6	26.2	29.0	34.0	41.1	32.3	33.5
1,000 miles and over.....	15.5	4.4	16.7	17.8	42.7	17.2	44.2	46.1

Table 8. SHIPPER GROUP 19--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Machinery, Except Electrical and Industrial

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	25.9	12.3	50.0	69.3
Highway facilities	83.8	84.2	82.9	82.4
Rail and highway facilities	19.0	7.3	40.5	53.0
Air facilities	90.4	94.1	82.9	82.1
Rail, highway, and air facilities	16.6	7.3	32.9	46.0
Water facilities	14.8	11.8	21.3	21.0
Rail, highway, air, and water facilities	5.3	2.0	11.4	14.6

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 6.7 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 191--Percent Distribution of Distance, by Means of Transport: 1967

Engines and Turbines

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON OF SHIPMENTS	(thousands of tons)								
Total	1,237	100.0	28.1	62.3	8.1	0.4	0.6	0.3	0.2
Under 50 miles	175	100.0	23.0	62.4	14.6	-	-	-	-
50 to 99 miles	53	100.0	-	66.9	31.9	-	-	1.2	-
100 to 199 miles	185	100.0	6.3	82.8	8.6	-	-	.7	1.6
200 to 299 miles	161	100.0	9.1	81.9	8.7	.2	-	.1	-
300 to 399 miles	88	100.0	33.1	62.9	3.5	.4	-	.1	-
400 to 499 miles	72	100.0	27.2	66.7	5.6	.3	-	.2	-
500 to 599 miles	34	100.0	21.1	73.5	3.8	.3	-	1.3	-
600 to 799 miles	174	100.0	37.3	53.1	9.3	.2	-	.1	-
800 to 999 miles	70	100.0	42.1	54.5	2.4	.9	-	.1	-
1,000 to 1,199 miles	32	100.0	41.3	57.5	.1	.5	-	.6	-
1,200 to 1,499 miles	55	100.0	69.6	29.3	-	1.0	-	.1	-
1,500 to 1,999 miles	78	100.0	46.9	49.8	2.2	1.0	-	.1	-
2,000 miles and over	60	100.0	71.5	14.1	-	2.0	12.2	.2	-
TON-MILES	(millions of ton-miles)								
Total	739	100.0	44.2	46.7	3.9	.8	4.1	.2	.1
Under 50 miles	4	100.0	16.5	57.0	26.5	-	-	-	-
50 to 99 miles	4	100.0	-	67.8	31.1	-	-	1.1	-
100 to 199 miles	28	100.0	6.5	82.9	8.5	-	-	.8	1.3
200 to 299 miles	41	100.0	8.4	81.5	9.8	.2	-	.1	-
300 to 399 miles	31	100.0	33.2	62.7	3.5	.5	-	.1	-
400 to 499 miles	32	100.0	27.2	66.6	5.7	.3	-	.2	-
500 to 599 miles	18	100.0	20.9	73.7	3.8	.3	-	1.3	-
600 to 799 miles	125	100.0	36.7	53.7	9.3	.2	-	.1	-
800 to 999 miles	61	100.0	41.3	55.1	2.5	1.0	-	.1	-
1,000 to 1,199 miles	34	100.0	41.3	57.5	.1	.5	-	.6	-
1,200 to 1,499 miles	71	100.0	68.7	30.2	-	1.0	-	.1	-
1,500 to 1,999 miles	136	100.0	44.8	51.6	2.4	1.1	-	.1	-
2,000 miles and over	154	100.0	66.6	11.7	-	1.8	19.7	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 191--Percent Distribution of Weight, by Means of Transport: 1967

Engines and Turbines

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,088	100.0	30.9	59.4	8.3	1.4
Under 1,000 pounds	54	100.0	2.0	74.7	15.2	8.1
Under 50 pounds	1	100.0	3.8	26.5	5.1	64.6
50 to 99 pounds	3	100.0	1.8	71.1	6.5	20.6
100 to 199 pounds	5	100.0	2.8	78.3	5.3	13.6
200 to 499 pounds	20	100.0	.9	71.5	22.4	5.2
500 to 999 pounds	25	100.0	2.7	79.1	13.2	5.0
1,000 to 9,999 pounds	156	100.0	3.5	81.8	12.6	2.1
1,000 to 1,999 pounds	39	100.0	4.4	83.9	9.3	2.4
2,000 to 2,999 pounds	24	100.0	2.0	90.6	7.1	.3
3,000 to 3,999 pounds	21	100.0	2.2	82.4	10.0	5.4
4,000 to 4,999 pounds	17	100.0	4.6	64.7	29.5	1.2
5,000 to 9,999 pounds	55	100.0	3.8	81.4	13.1	1.7
10,000 to 29,999 pounds	224	100.0	11.0	77.8	10.9	.3
10,000 to 19,999 pounds	94	100.0	8.8	74.9	15.7	.6
20,000 to 29,999 pounds	130	100.0	12.6	79.7	7.5	.2
30,000 to 59,999 pounds	440	100.0	28.7	64.7	6.4	.2
30,000 to 39,999 pounds	233	100.0	21.1	72.6	6.1	.2
40,000 to 49,999 pounds	112	100.0	10.5	78.1	11.4	-
50,000 to 59,999 pounds	95	100.0	68.7	30.1	1.2	-
60,000 to 89,999 pounds	85	100.0	66.6	14.5	11.5	7.4
60,000 to 69,999 pounds	43	100.0	55.9	15.0	14.5	14.6
70,000 to 79,999 pounds	18	100.0	80.2	-	19.8	-
80,000 to 89,999 pounds	24	100.0	75.4	24.6	-	-
90,000 pounds and over	129	100.0	94.8	5.2	-	-
TON-MILES	(millions of ton-miles)					
Total	672	100.0	46.8	43.5	4.1	5.6
Under 1,000 pounds	34	100.0	3.8	78.9	1.9	15.4
Under 50 pounds	1	100.0	5.4	26.2	1.1	67.3
50 to 99 pounds	2	100.0	2.0	70.2	2.0	25.8
100 to 199 pounds	4	100.0	5.4	75.2	1.3	18.1
200 to 499 pounds	10	100.0	2.1	83.2	2.4	12.3
500 to 999 pounds	17	100.0	4.6	81.6	1.7	12.1
1,000 to 9,999 pounds	86	100.0	5.4	80.6	7.8	6.2
1,000 to 1,999 pounds	22	100.0	7.1	87.3	3.4	2.2
2,000 to 2,999 pounds	15	100.0	4.0	92.4	3.2	.4
3,000 to 3,999 pounds	12	100.0	2.3	70.8	4.0	22.9
4,000 to 4,999 pounds	8	100.0	8.8	71.3	16.5	3.4
5,000 to 9,999 pounds	29	100.0	5.1	76.3	12.5	6.1
10,000 to 29,999 pounds	88	100.0	20.5	71.4	7.9	.2
10,000 to 19,999 pounds	48	100.0	17.6	70.7	11.5	.2
20,000 to 29,999 pounds	40	100.0	24.1	72.3	3.5	.1
30,000 to 59,999 pounds	302	100.0	54.5	41.4	3.7	.4
30,000 to 39,999 pounds	146	100.0	45.6	50.7	3.0	.7
40,000 to 49,999 pounds	57	100.0	20.8	67.4	11.8	-
50,000 to 59,999 pounds	99	100.0	86.9	12.9	.2	-
60,000 to 89,999 pounds	78	100.0	56.2	7.2	2.7	33.9
60,000 to 69,999 pounds	45	100.0	26.7	10.2	4.1	59.0
70,000 to 79,999 pounds	11	100.0	97.8	-	2.2	-
80,000 to 89,999 pounds	22	100.0	95.3	4.7	-	-
90,000 pounds and over	84	100.0	96.9	3.1	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 191--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Engines and Turbines

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,088	100.0	30.9	59.4	8.3	1.4
Under 200 miles	347	100.0	15.0	70.5	14.0	.5
Under 1,000 pounds	16	100.0	.3	47.1	48.1	4.5
1,000 to 9,999 pounds	46	100.0	.6	68.9	29.4	1.1
10,000 to 29,999 pounds	88	100.0	2.8	80.2	16.1	.9
30,000 to 59,999 pounds	145	100.0	7.9	85.6	6.5	-
60,000 to 89,999 pounds	19	100.0	54.2	26.4	19.4	-
90,000 pounds and over	33	100.0	83.4	16.6	-	-
200 to 399 miles	229	100.0	19.1	73.1	7.4	.4
Under 1,000 pounds	10	100.0	.6	89.0	4.6	5.8
1,000 to 9,999 pounds	38	100.0	1.1	95.8	2.4	.7
10,000 to 29,999 pounds	67	100.0	11.4	83.2	5.4	-
30,000 to 59,999 pounds	88	100.0	18.1	75.2	6.7	-
60,000 to 89,999 pounds	9	100.0	26.2	9.2	64.6	-
90,000 pounds and over	17	100.0	100.0	-	-	-
400 to 599 miles	95	100.0	28.0	65.4	5.6	1.0
Under 1,000 pounds	6	100.0	2.1	88.6	1.5	7.8
1,000 to 9,999 pounds	22	100.0	7.3	87.8	4.4	.5
10,000 to 29,999 pounds	19	100.0	19.8	73.8	6.4	-
30,000 to 59,999 pounds	32	100.0	15.5	74.2	9.3	1.0
60,000 to 89,999 pounds	9	100.0	100.0	-	-	-
90,000 pounds and over	7	100.0	100.0	-	-	-
600 to 999 miles	204	100.0	42.8	47.9	8.7	.6
Under 1,000 pounds	13	100.0	2.3	89.2	1.1	7.4
1,000 to 9,999 pounds	25	100.0	7.5	82.1	9.4	1.0
10,000 to 29,999 pounds	29	100.0	16.6	64.6	18.8	-
30,000 to 59,999 pounds	65	100.0	23.0	61.9	15.1	-
60,000 to 89,999 pounds	24	100.0	73.3	26.7	-	-
90,000 pounds and over	48	100.0	100.0	-	-	-
1,000 miles and over	213	100.0	59.4	34.9	.8	4.9
Under 1,000 pounds	10	100.0	5.8	77.1	-	17.1
1,000 to 9,999 pounds	25	100.0	5.2	78.9	7.1	8.8
10,000 to 29,999 pounds	21	100.0	28.7	71.3	-	-
30,000 to 59,999 pounds	110	100.0	71.8	27.9	-	.3
60,000 to 89,999 pounds	24	100.0	72.7	.7	-	26.6
90,000 pounds and over	23	100.0	94.7	5.3	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	672	100.0	46.8	43.5	4.1	5.6
Under 200 miles	30	100.0	8.2	78.2	12.7	.9
Under 1,000 pounds	1	100.0	.4	64.4	30.3	4.9
1,000 to 9,999 pounds	4	100.0	1.0	76.6	20.8	1.6
10,000 to 29,999 pounds	7	100.0	3.8	74.4	19.4	2.4
30,000 to 59,999 pounds	16	100.0	7.8	85.8	6.4	-
60,000 to 89,999 pounds	1	100.0	27.5	54.2	18.3	-
90,000 pounds and over	1	100.0	87.4	12.6	-	-
200 to 399 miles	66	100.0	20.8	71.1	7.7	.4
Under 1,000 pounds	3	100.0	.6	88.4	4.5	6.5
1,000 to 9,999 pounds	11	100.0	1.6	95.5	2.0	.9
10,000 to 29,999 pounds	19	100.0	13.2	81.0	5.8	-
30,000 to 59,999 pounds	25	100.0	19.7	73.3	7.0	-
60,000 to 89,999 pounds	3	100.0	22.3	7.9	69.8	-
90,000 pounds and over	5	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 191--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Engines and Turbines

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	45	100.0	27.8	65.5	5.6	1.1
Under 1,000 pounds	3	100.0	2.0	88.7	1.4	7.9
1,000 to 9,999 pounds	11	100.0	7.6	87.3	4.6	.5
10,000 to 29,999 pounds	9	100.0	20.4	72.7	6.9	-
30,000 to 59,999 pounds	15	100.0	17.1	72.8	8.9	1.2
60,000 to 89,999 pounds	4	100.0	100.0	-	-	-
90,000 pounds and over	3	100.0	100.0	-	-	-
600 to 999 miles	154	100.0	42.6	48.3	8.5	.6
Under 1,000 pounds	10	100.0	2.4	88.9	1.0	7.7
1,000 to 9,999 pounds	20	100.0	7.6	81.7	9.5	1.2
10,000 to 29,999 pounds	23	100.0	19.1	63.5	17.4	-
30,000 to 59,999 pounds	48	100.0	21.8	63.3	14.9	-
60,000 to 89,999 pounds	17	100.0	74.4	25.6	-	-
90,000 pounds and over	36	100.0	100.0	-	-	-
1,000 miles and over	377	100.0	58.2	31.3	.9	9.6
Under 1,000 pounds	17	100.0	5.8	70.8	-	23.4
1,000 to 9,999 pounds	41	100.0	5.2	74.7	7.9	12.2
10,000 to 29,999 pounds	30	100.0	29.7	70.3	-	-
30,000 to 59,999 pounds	198	100.0	73.5	26.1	-	.4
60,000 to 89,999 pounds	52	100.0	49.2	.3	-	50.5
90,000 pounds and over	39	100.0	93.5	6.5	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 191--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Engines and Turbines

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	1,237	100.0	28.1	62.3	8.1	0.4	0.6	0.3	0.2
New England	32	100.0	18.9	72.6	5.4	1.0	-	2.1	-
Middle Atlantic	169	100.0	63.1	25.2	10.5	.2	-	1.0	-
East North Central	961	100.0	21.7	68.5	8.4	.3	.7	.1	.3
Pacific[1]	12	100.0	-	95.3	-	1.8	2.8	.1	-
Balance of United States[2]	63	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	739	100.0	44.2	46.7	3.9	.8	4.1	.2	.1
New England	18	100.0	29.8	64.5	2.6	2.4	-	.7	-
Middle Atlantic	114	100.0	79.7	16.3	2.8	.6	-	.6	-
East North Central	542	100.0	36.2	52.8	4.6	.7	5.5	.1	.1
Pacific[1]	17	100.0	-	92.4	-	2.4	5.1	.1	-
Balance of United States[2]	48	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 191--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Engines and Turbines

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,237	1,237	40	212	490	114	60	60	127	18	116
Ton-miles.....millions..	739	739	31	113	88	53	41	30	112	25	246
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,237	100.0	3.2	17.1	39.6	9.2	4.8	4.9	10.3	1.5	9.4
Shipments from--											
New England	32	100.0	3.5	52.2	7.7	15.9	6.6	1.5	11.3	.2	1.1
Middle Atlantic	169	100.0	8.4	31.6	16.5	4.8	8.6	5.4	14.2	3.2	7.3
East North Central	961	100.0	1.6	13.4	46.9	9.9	4.4	5.2	7.5	1.3	9.8
Pacific[2]	12	100.0	.7	7.4	46.7	1.5	.3	.3	14.7	1.0	27.4
Balance of U.S.[3]	63	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	739	100.0	4.1	15.3	12.0	7.2	5.6	4.1	15.2	3.4	33.1
Shipments from--											
New England	18	100.0	.4	19.3	9.5	28.4	5.5	2.9	28.3	.7	5.0
Middle Atlantic	114	100.0	2.6	5.8	12.0	6.3	4.7	6.1	27.1	8.9	26.5
East North Central	542	100.0	2.3	16.0	11.1	7.1	6.3	4.1	12.3	2.7	38.1
Pacific[2]	17	100.0	1.2	13.2	59.7	1.5	.5	.4	13.6	.4	9.5
Balance of U.S.[3]	48	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 191--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Engines and Turbines

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,237	100.0	28.1	62.3	8.1	0.4	0.6	0.3	0.2
Middle Atlantic, total	169	100.0	63.1	25.2	10.5	.2	-	1.0	-
Shipments to--									
Middle Atlantic	53	100.0	44.4	35.0	18.5	-	-	2.1	-
West South Central	24	100.0	78.1	21.9	-	-	-	-	-
East North Central, total	961	100.0	21.7	68.5	8.4	.3	.7	.1	.3
Shipments to--									
Middle Atlantic	129	100.0	33.3	55.7	10.8	.1	-	.1	-
East North Central	450	100.0	10.2	78.6	10.4	-	-	.1	.7
West North Central	95	100.0	15.4	70.0	14.2	.2	-	.2	-
South Atlantic	43	100.0	42.0	54.4	2.0	1.4	-	.2	-
West South Central	72	100.0	46.0	53.0	.3	.4	-	.3	-
Pacific	95	100.0	47.6	41.6	1.9	1.4	7.4	.1	-
TONS-MILES	(millions of ton-miles)								
U.S. total	739	100.0	44.2	46.7	3.9	.8	4.1	.2	.1
Middle Atlantic, total	114	100.0	79.7	16.3	2.8	.6	-	.6	-
Shipments to--									
Middle Atlantic	7	100.0	43.9	32.8	20.1	-	-	3.2	-
West South Central	31	100.0	79.5	20.5	-	-	-	-	-
East North Central, total	542	100.0	36.2	52.8	4.6	.7	5.5	.1	.1
Shipments to--									
Middle Atlantic	87	100.0	35.4	53.0	11.5	.1	-	-	-
East North Central	60	100.0	8.3	85.0	6.0	-	-	.1	.6
West North Central	38	100.0	18.5	69.1	12.0	.2	-	.2	-
South Atlantic	34	100.0	48.2	47.8	2.1	1.7	-	.2	-
West South Central	67	100.0	49.4	49.5	.3	.4	-	.4	-
Pacific	206	100.0	47.1	35.6	1.6	1.3	14.4	-	-

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER CLASS 191--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Engines and Turbines

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,237	-	109	1,128	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	739	-	115	624
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	28.1	-	45.9	26.4	44.2	-	71.0	39.3
Motor carrier.....	62.3	-	52.4	63.2	46.7	-	27.5	50.2
Private truck.....	8.1	-	1.2	8.8	3.9	-	.5	4.5
Air.....	.4	-	.2	.4	.8	-	.3	1.0
Water.....	.6	-	.3	.6	4.1	-	.7	4.7
Other.....	.3	-	-	.3	.2	-	-	.2
Unknown.....	.2	-	-	.3	.1	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	18.4	-	5.3	19.7	1.1	-	.3	1.2
100 to 199 miles.....	14.9	-	8.3	15.6	3.7	-	1.4	4.2
200 to 299 miles.....	13.0	-	11.1	13.2	5.5	-	2.6	6.0
300 to 399 miles.....	7.1	-	8.7	7.0	4.2	-	2.9	4.4
400 to 499 miles.....	5.8	-	8.1	5.6	4.3	-	3.4	4.5
500 to 999 miles.....	22.6	-	5.5	24.0	27.5	-	3.8	31.9
1,000 miles and over.....	18.2	-	53.0	14.9	53.7	-	85.6	47.8

Table 8. SHIPPER CLASS 191--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Engines and Turbines

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	81.4	-	70.0	84.1
Highway facilities	75.4	-	80.0	74.3
Rail and highway facilities	60.4	-	50.0	62.9
Air facilities	74.7	-	80.0	73.5
Rail, highway, and air facilities	53.1	-	50.0	53.8
Water facilities	20.6	-	40.0	15.9
Rail, highway, air, and water facilities	13.2	-	40.0	6.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. There were no plants that reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 192--Percent Distribution of Distance, by Means of Transport: 1967

Farm Machinery and Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	4,199	100.0	32.3	42.0	24.6	-	-	1.0	0.1
Under 50 miles	113	100.0	1.8	23.9	71.9	-	-	2.2	.2
50 to 99 miles	321	100.0	1.2	53.1	44.2	-	-	1.5	-
100 to 199 miles	696	100.0	23.1	43.6	31.1	-	-	1.8	.4
200 to 299 miles	617	100.0	20.6	49.3	29.5	-	-	.6	-
300 to 399 miles	637	100.0	29.4	45.0	25.2	-	-	.4	-
400 to 499 miles	402	100.0	42.1	49.0	8.0	-	-	.9	-
500 to 599 miles	312	100.0	43.6	40.3	15.2	-	-	.4	.5
600 to 799 miles	485	100.0	38.2	39.2	21.7	-	0.1	.8	-
800 to 999 miles	306	100.0	57.5	24.8	17.3	0.1	-	.3	-
1,000 to 1,199 miles	128	100.0	64.7	28.3	2.8	.1	-	4.1	-
1,200 to 1,499 miles	111	100.0	81.0	11.8	6.9	-	-	.3	-
1,500 miles and over	71	100.0	51.5	47.7	.2	.2	.1	.3	-
TON-MILES	(millions of ton-miles)								
Total	1,877	100.0	44.8	37.6	16.6	-	-	.9	.1
Under 50 miles	3	100.0	2.2	20.0	75.3	-	-	2.4	.1
50 to 99 miles	25	100.0	1.4	56.3	41.1	-	-	1.2	-
100 to 199 miles	108	100.0	24.5	42.5	30.6	-	-	2.0	.4
200 to 299 miles	152	100.0	20.7	50.6	28.1	-	-	.6	-
300 to 399 miles	219	100.0	30.2	44.8	24.6	-	-	.4	-
400 to 499 miles	180	100.0	42.5	48.5	8.1	-	-	.9	-
500 to 599 miles	170	100.0	43.6	40.1	15.3	-	-	.4	.6
600 to 799 miles	334	100.0	39.4	39.5	20.1	-	.2	.8	-
800 to 999 miles	272	100.0	57.4	24.8	17.4	.1	-	.3	-
1,000 to 1,999 miles	140	100.0	65.1	28.1	2.8	.1	-	3.9	-
1,200 to 1,499 miles	149	100.0	81.2	11.9	6.6	-	-	.3	-
1,500 miles and over	125	100.0	52.4	46.8	.1	.2	.2	.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 192--Percent Distribution of Weight, by Means of Transport: 1967

Farm Machinery and Equipment

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,138	100.0	32.5	41.6	24.8	1.1
Under 1,000 pounds	152	100.0	1.1	76.2	14.5	8.2
Under 50 pounds	10	100.0	1.1	28.8	6.6	63.5
50 to 99 pounds	9	100.0	.7	72.3	5.6	21.4
100 to 199 pounds	19	100.0	1.2	74.9	14.8	9.1
200 to 499 pounds	47	100.0	1.2	85.3	9.7	3.8
500 to 999 pounds	67	100.0	1.1	76.7	20.1	2.1
1,000 to 9,999 pounds	918	100.0	7.8	44.1	45.4	2.7
1,000 to 1,999 pounds	127	100.0	1.9	51.3	42.8	4.0
2,000 to 2,999 pounds	116	100.0	5.7	48.1	45.0	1.2
3,000 to 3,999 pounds	184	100.0	4.6	64.0	29.4	2.0
4,000 to 4,999 pounds	123	100.0	8.8	29.6	59.8	1.8
5,000 to 9,999 pounds	368	100.0	11.8	35.4	49.6	3.2
10,000 to 29,999 pounds	1,496	100.0	37.2	40.0	22.1	.7
10,000 to 19,999 pounds	607	100.0	25.3	37.4	36.0	1.3
20,000 to 29,999 pounds	889	100.0	45.2	41.9	12.6	.3
30,000 to 59,999 pounds	1,206	100.0	41.8	41.6	16.6	-
30,000 to 39,999 pounds	628	100.0	40.4	53.1	6.5	-
40,000 to 49,999 pounds	498	100.0	37.0	31.0	32.0	-
50,000 to 59,999 pounds	80	100.0	83.0	17.0	-	-
60,000 to 89,999 pounds	60	100.0	74.9	15.2	9.0	.9
60,000 to 69,999 pounds	24	100.0	74.6	11.8	13.6	-
70,000 to 79,999 pounds	11	100.0	46.5	48.8	-	4.7
80,000 to 89,999 pounds	25	100.0	87.9	3.5	8.6	-
90,000 pounds and over	306	100.0	54.9	28.5	16.6	-
TON-MILES	(millions of ton-miles)					
Total	1,837	100.0	45.3	36.8	16.9	1.0
Under 1,000 pounds	70	100.0	1.6	81.9	8.3	8.2
Under 50 pounds	4	100.0	2.5	29.3	3.1	65.1
50 to 99 pounds	5	100.0	1.0	74.5	3.4	21.1
100 to 199 pounds	9	100.0	1.9	77.4	12.9	7.8
200 to 499 pounds	22	100.0	2.2	87.6	5.1	5.1
500 to 999 pounds	30	100.0	1.1	86.9	10.7	1.3
1,000 to 9,999 pounds	331	100.0	17.4	53.8	25.8	3.0
1,000 to 1,999 pounds	50	100.0	4.0	67.6	25.3	3.1
2,000 to 2,999 pounds	38	100.0	10.8	59.0	29.5	.7
3,000 to 3,999 pounds	64	100.0	11.9	68.0	17.9	2.2
4,000 to 4,999 pounds	45	100.0	24.5	42.5	31.0	2.0
5,000 to 9,999 pounds	134	100.0	24.4	44.4	26.9	4.3
10,000 to 29,999 pounds	737	100.0	50.1	34.6	14.8	.5
10,000 to 19,999 pounds	269	100.0	39.7	32.5	27.2	.6
20,000 to 29,999 pounds	468	100.0	56.1	35.8	7.7	.4
30,000 to 59,999 pounds	586	100.0	56.6	29.8	13.6	-
30,000 to 39,999 pounds	298	100.0	55.2	38.8	6.0	-
40,000 to 49,999 pounds	253	100.0	54.4	21.1	24.5	-
50,000 to 59,999 pounds	35	100.0	83.1	16.9	-	-
60,000 to 89,999 pounds	24	100.0	88.5	8.7	1.1	1.7
60,000 to 69,999 pounds	9	100.0	81.8	16.3	1.9	-
70,000 to 79,999 pounds	6	100.0	87.0	6.1	-	6.9
80,000 to 89,999 pounds	9	100.0	96.1	2.9	1.0	-
90,000 pounds and over	89	100.0	57.2	8.5	34.3	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 192 --Percent Distribution of Distance and Weight, by Means of Transport: 1967

Farm Machinery and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,138	100.0	32.5	41.6	24.8	1.1
Under 200 miles	1,122	100.0	14.8	44.4	38.8	2.0
Under 1,000 pounds	47	100.0	.3	59.2	30.0	10.5
1,000 to 9,999 pounds	387	100.0	-	28.0	69.3	2.7
10,000 to 29,999 pounds	290	100.0	12.6	43.3	41.5	2.6
30,000 to 59,999 pounds	194	100.0	11.2	74.8	14.0	-
60,000 to 89,999 pounds	20	100.0	49.0	24.5	26.5	-
90,000 pounds and over	184	100.0	53.3	46.7	-	-
200 to 399 miles	1,243	100.0	25.3	46.7	27.5	.5
Under 1,000 pounds	40	100.0	.4	86.8	7.7	5.1
1,000 to 9,999 pounds	262	100.0	3.2	53.8	41.4	1.6
10,000 to 29,999 pounds	459	100.0	30.1	43.1	26.8	-
30,000 to 59,999 pounds	421	100.0	25.9	48.5	25.6	-
60,000 to 89,999 pounds	13	100.0	91.0	9.0	-	-
90,000 pounds and over	48	100.0	97.2	2.8	-	-
400 to 599 miles	708	100.0	43.1	44.7	11.3	.9
Under 1,000 pounds	25	100.0	2.8	79.0	9.2	9.0
1,000 to 9,999 pounds	97	100.0	15.5	60.1	19.9	4.5
10,000 to 29,999 pounds	288	100.0	41.6	46.6	11.8	-
30,000 to 59,999 pounds	272	100.0	54.0	37.1	8.9	-
60,000 to 89,999 pounds	18	100.0	83.9	16.1	-	-
90,000 pounds and over	8	100.0	100.0	-	-	-
600 to 999 miles	764	100.0	45.9	32.6	20.7	.8
Under 1,000 pounds	23	100.0	1.2	85.4	4.9	8.5
1,000 to 9,999 pounds	116	100.0	29.3	53.8	16.3	.6
10,000 to 29,999 pounds	334	100.0	47.0	38.4	13.8	.8
30,000 to 59,999 pounds	233	100.0	65.6	16.6	17.8	-
60,000 to 89,999 pounds	3	100.0	84.3	-	-	15.7
90,000 pounds and over	55	100.0	7.8	-	92.2	-
1,000 miles and over	301	100.0	69.6	24.6	3.8	2.0
Under 1,000 pounds	16	100.0	2.3	80.1	9.0	8.6
1,000 to 9,999 pounds	57	100.0	25.3	61.9	4.5	8.3
10,000 to 29,999 pounds	125	100.0	83.6	10.5	5.9	-
30,000 to 59,999 pounds	87	100.0	85.2	14.8	-	-
60,000 to 89,999 pounds	5	100.0	100.0	-	-	-
90,000 pounds and over	11	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	1,837	100.0	45.3	36.8	16.9	1.0
Under 200 miles	135	100.0	19.8	44.5	33.5	2.2
Under 1,000 pounds	4	100.0	.5	68.4	20.2	10.9
1,000 to 9,999 pounds	44	100.0	-	33.4	63.9	2.7
10,000 to 29,999 pounds	35	100.0	14.5	46.0	35.7	3.8
30,000 to 59,999 pounds	26	100.0	13.8	72.5	13.7	-
60,000 to 89,999 pounds	2	100.0	79.1	8.8	12.1	-
90,000 pounds and over	24	100.0	69.6	30.4	-	-
200 to 399 miles	368	100.0	26.6	46.6	26.3	.5
Under 1,000 pounds	12	100.0	.5	87.1	7.4	5.0
1,000 to 9,999 pounds	75	100.0	3.4	54.0	41.1	1.5
10,000 to 29,999 pounds	136	100.0	32.0	43.1	24.9	-
30,000 to 59,999 pounds	128	100.0	27.5	48.3	24.2	-
60,000 to 89,999 pounds	4	100.0	91.2	8.8	-	-
90,000 pounds and over	13	100.0	96.9	3.1	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 192--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Farm Machinery and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	348	100.0	43.4	44.0	11.7	0.9
Under 1,000 pounds	12	100.0	2.8	78.9	9.5	8.8
1,000 to 9,999 pounds	48	100.0	16.3	59.5	19.6	4.6
10,000 to 29,999 pounds	144	100.0	42.3	45.9	11.8	-
30,000 to 59,999 pounds	132	100.0	54.4	35.8	9.8	-
60,000 to 89,999 pounds	9	100.0	81.3	18.7	-	-
90,000 pounds and over	3	100.0	100.0	-	-	-
600 to 999 miles	586	100.0	47.6	32.1	19.5	.8
Under 1,000 pounds	18	100.0	1.2	85.2	5.0	8.6
1,000 to 9,999 pounds	91	100.0	31.4	53.0	15.1	.5
10,000 to 29,999 pounds	260	100.0	48.0	37.1	14.2	.7
30,000 to 59,999 pounds	180	100.0	66.5	15.5	18.0	-
60,000 to 89,999 pounds	3	100.0	85.5	-	-	14.5
90,000 pounds and over	34	100.0	10.5	-	89.5	-
1,000 miles and over	400	100.0	69.1	25.6	3.5	1.8
Under 1,000 pounds	23	100.0	2.1	80.9	8.3	8.7
1,000 to 9,999 pounds	72	100.0	25.5	63.4	4.3	6.8
10,000 to 29,999 pounds	163	100.0	83.2	11.4	5.4	-
30,000 to 59,999 pounds	120	100.0	84.1	15.9	-	-
60,000 to 89,999 pounds	7	100.0	100.0	-	-	-
90,000 pounds and over	15	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 192--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Farm Machinery and Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,199	100.0	32.3	42.0	24.6	-	-	1.0	0.1
East North Central	2,055	100.0	36.9	43.2	18.5	-	-	1.3	.1
West North Central	1,525	100.0	32.0	38.6	28.5	0.1	-	.8	-
South Atlantic	81	100.0	18.6	35.8	45.0	-	-	.6	-
Balance of United States[1]	538	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,877	100.0	44.8	37.6	16.6	-	-	.9	.1
East North Central	904	100.0	46.6	40.1	12.3	-	0.1	.8	.1
West North Central	689	100.0	47.6	32.3	18.9	.1	-	1.1	-
South Atlantic	38	100.0	33.8	40.4	25.3	-	-	.5	-
Balance of United States[1]	246	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 192--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Farm Machinery and Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	4,199	4,199	51	315	1,145	1,338	293	253	499	140	165
Ton-miles.....millions..	1,877	1,877	50	201	311	400	192	119	262	135	207
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	4,199	100.0	1.2	7.5	27.3	31.9	7.0	6.0	11.9	3.3	3.9
Shipments from--											
East North Central.....	2,055	100.0	1.4	8.5	34.5	27.7	6.8	7.1	8.8	3.0	2.2
West North Central.....	1,525	100.0	1.0	5.0	17.6	47.4	6.0	4.3	9.9	4.1	4.7
South Atlantic.....	81	100.0	4.3	4.3	1.4	1.9	59.1	9.4	19.5	-	.1
Balance of U.S[2].....	538	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	1,877	100.0	2.7	10.7	16.5	21.5	10.2	6.3	13.9	7.2	11.0
Shipments from--											
East North Central.....	904	100.0	2.6	11.7	15.5	23.4	9.8	7.4	13.6	7.6	8.4
West North Central.....	689	100.0	2.7	10.3	15.8	21.3	12.0	5.4	10.6	7.8	14.1
South Atlantic.....	38	100.0	11.7	5.9	2.3	4.1	32.9	4.4	38.4	-	.3
Balance of U.S[2].....	246	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 192--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Farm Machinery and Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,199	100.0	32.3	42.0	24.6	-	-	1.0	0.1
East North Central, total	2,055	100.0	36.9	43.2	18.5	-	-	1.3	.1
Shipments to--									
Middle Atlantic	174	100.0	47.0	50.4	.6	-	0.4	1.6	-
East North Central	713	100.0	23.5	52.9	22.5	-	-	1.1	-
West North Central	568	100.0	39.6	37.9	21.1	-	-	1.4	-
South Atlantic	139	100.0	43.0	43.7	11.4	-	-	.7	1.2
East South Central	145	100.0	43.8	45.5	5.7	-	-	4.6	.4
West South Central	181	100.0	38.7	19.6	41.6	-	-	.1	-
West North Central, total	1,525	100.0	32.0	38.6	28.5	0.1	-	.8	-
Shipments to--									
East North Central	268	100.0	25.6	51.9	22.0	.1	-	.4	-
West North Central	723	100.0	20.0	45.0	34.4	-	-	.6	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,877	100.0	44.8	37.6	16.6	-	-	.9	.1
East North Central, total	904	100.0	46.6	40.1	12.3	-	.1	.8	.1
Shipments to--									
Middle Atlantic	106	100.0	49.6	47.7	.3	-	.5	1.9	-
East North Central	141	100.0	27.1	55.0	17.1	-	-	.8	-
West North Central	212	100.0	43.8	39.4	15.8	-	-	1.0	-
South Atlantic	88	100.0	45.4	42.8	10.0	-	-	.7	1.1
East South Central	67	100.0	47.8	46.1	4.6	-	-	1.4	.1
West South Central	123	100.0	43.6	22.4	33.9	-	-	.1	-
West North Central, total	689	100.0	47.6	32.3	18.9	.1	-	1.1	-
Shipments to--									
East North Central	109	100.0	32.0	48.1	19.4	.1	-	.4	-
West North Central	147	100.0	27.7	43.7	28.1	-	-	.5	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 192--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Farm Machinery and Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	4,199	846	816	2,537	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,877	285	402	1,190
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	32.3	12.0	14.5	44.8	44.8	15.3	25.8	58.2
Motor carrier.....	42.0	24.3	48.6	45.9	37.6	29.3	45.3	37.0
Private truck.....	24.6	62.1	33.7	9.1	16.6	52.8	27.1	4.4
Air.....	-	-	-	-	-	-	-	.1
Water.....	-	-	-	-	-	-	.1	-
Other.....	1.0	1.3	2.9	.2	.9	2.5	1.4	.3
Unknown.....	.1	.3	.3	-	.1	.1	.3	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	10.3	15.1	9.5	9.0	1.5	2.7	1.1	1.4
100 to 199 miles.....	16.6	31.5	12.9	12.8	5.8	14.8	4.0	4.2
200 to 299 miles.....	14.7	15.8	15.9	13.9	8.1	11.3	7.8	7.5
300 to 399 miles.....	15.2	14.3	9.8	17.2	11.7	14.3	6.8	12.7
400 to 499 miles.....	9.6	3.6	9.6	11.5	9.6	4.8	8.6	11.1
500 to 999 miles.....	26.2	14.9	32.0	28.3	41.3	33.9	43.4	42.3
1,000 miles and over.....	7.4	4.8	10.3	7.3	22.0	18.2	28.3	20.8

Table 8. SHIPPER CLASS 192--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Farm Machinery and Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	54.4	42.3	72.7	96.3
Highway facilities	67.2	65.4	71.4	67.9
Rail and highway facilities	29.9	15.4	56.5	64.2
Air facilities	59.6	57.7	60.2	74.1
Rail, highway, and air facilities	22.3	15.4	30.4	54.4
Water facilities	6.6	-	15.5	33.4
Rail, highway, air, and water facilities	4.5	-	9.3	27.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 19.5 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 193--Percent Distribution of Distance, by Means of Transport: 1967

Construction, Mining, and Materials Handling Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	6,386	100.0	40.1	49.3	9.4	0.2	0.3	0.5	0.2
Under 50 miles	311	100.0	18.0	63.0	18.0	-	.2	.7	.1
50 to 99 miles	307	100.0	16.5	51.6	30.5	.2	-	1.2	-
100 to 199 miles	767	100.0	39.3	49.0	11.3	-	-	.3	.1
200 to 299 miles	654	100.0	15.1	68.8	15.4	.1	-	.3	.3
300 to 399 miles	738	100.0	43.0	49.6	5.8	.1	.6	.4	.5
400 to 499 miles	549	100.0	19.7	72.0	7.6	.2	.1	.3	.1
500 to 599 miles	389	100.0	17.4	62.2	18.3	.3	.3	1.5	-
600 to 799 miles	1,018	100.0	55.1	39.2	4.4	.2	.3	.4	.4
800 to 999 miles	471	100.0	47.7	47.3	4.4	.2	-	.3	.1
1,000 to 1,199 miles	274	100.0	54.8	38.5	5.7	.7	-	.2	.1
1,200 to 1,499 miles	161	100.0	43.3	50.4	4.2	.6	1.1	.3	.1
1,500 to 1,999 miles	582	100.0	78.8	18.0	2.5	.2	-	.3	.2
2,000 miles and over	165	100.0	57.4	31.6	4.0	.5	6.0	.5	-
TON-MILES	(millions of ton-miles)								
Total	4,045	100.0	52.1	40.3	5.7	.3	1.0	.4	.2
Under 50 miles	9	100.0	11.0	69.2	18.9	-	.1	.7	.1
50 to 99 miles	23	100.0	16.9	52.4	29.2	.2	-	1.3	-
100 to 199 miles	114	100.0	37.8	50.5	11.1	.1	-	.3	.2
200 to 299 miles	162	100.0	15.6	69.2	14.6	.1	-	.2	.3
300 to 399 miles	258	100.0	43.1	49.7	5.7	.1	.5	.4	.5
400 to 499 miles	247	100.0	20.1	71.7	7.4	.2	.1	.4	.1
500 to 599 miles	214	100.0	17.4	62.1	18.4	.3	.3	1.5	-
600 to 799 miles	711	100.0	56.0	38.4	4.3	.2	.3	.4	.4
800 to 999 miles	414	100.0	47.1	47.9	4.4	.2	-	.3	.1
1,000 to 1,199 miles	298	100.0	54.7	38.5	5.7	.7	-	.3	.1
1,200 to 1,499 miles	214	100.0	42.9	50.7	4.3	.6	1.1	.3	.1
1,500 to 1,999 miles	1,001	100.0	78.1	18.7	2.5	.2	-	.3	.2
2,000 miles and over	380	100.0	54.1	32.6	3.8	.5	8.5	.5	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 193--Percent Distribution of Weight, by Means of Transport: 1967

Construction, Mining, and Materials Handling Equipment

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	5,589	100.0	37.5	52.2	9.0	1.3
Under 1,000 pounds	284	100.0	.6	84.8	4.7	9.9
Under 50 pounds	12	100.0	1.1	29.6	2.4	66.9
50 to 99 pounds	14	100.0	.8	71.2	2.7	25.3
100 to 199 pounds	30	100.0	.5	83.4	2.2	13.9
200 to 499 pounds	86	100.0	.3	86.3	5.9	7.5
500 to 999 pounds	142	100.0	.7	90.2	4.9	4.2
1,000 to 9,999 pounds	873	100.0	2.2	83.7	12.2	1.9
1,000 to 1,999 pounds	211	100.0	.4	89.2	7.5	2.9
2,000 to 2,999 pounds	139	100.0	.5	89.7	7.2	2.6
3,000 to 3,999 pounds	112	100.0	.7	87.6	10.0	1.7
4,000 to 4,999 pounds	101	100.0	1.6	84.1	12.0	2.3
5,000 to 9,999 pounds	310	100.0	4.9	75.6	18.4	1.1
10,000 to 29,999 pounds	1,370	100.0	9.1	76.6	13.2	1.1
10,000 to 19,999 pounds	519	100.0	6.5	74.2	18.5	.8
20,000 to 29,999 pounds	851	100.0	10.7	78.0	10.1	1.2
30,000 to 59,999 pounds	1,540	100.0	43.6	44.3	11.2	.9
30,000 to 39,999 pounds	786	100.0	36.1	50.8	11.6	1.5
40,000 to 49,999 pounds	443	100.0	44.5	45.3	10.2	-
50,000 to 59,999 pounds	311	100.0	61.4	26.7	11.5	.4
60,000 to 89,999 pounds	829	100.0	85.6	12.5	1.8	.1
60,000 to 69,999 pounds	517	100.0	91.0	7.8	1.0	.2
70,000 to 79,999 pounds	131	100.0	62.8	30.5	6.7	-
80,000 to 89,999 pounds	181	100.0	86.8	12.8	.4	-
90,000 pounds and over	693	100.0	82.4	15.4	2.1	.1
TON-MILES	(millions of ton-miles)					
Total	3,531	100.0	48.8	43.2	5.9	2.1
Under 1,000 pounds	171	100.0	1.3	84.5	3.2	11.0
Under 50 pounds	6	100.0	1.3	31.0	1.2	66.5
50 to 99 pounds	8	100.0	1.2	69.5	.9	28.4
100 to 199 pounds	16	100.0	.9	80.5	1.3	17.3
200 to 499 pounds	54	100.0	.5	86.1	3.9	9.5
500 to 999 pounds	87	100.0	1.9	89.2	3.5	5.4
1,000 to 9,999 pounds	491	100.0	4.1	84.1	8.1	3.7
1,000 to 1,999 pounds	119	100.0	.9	90.0	3.7	5.4
2,000 to 2,999 pounds	79	100.0	1.6	88.4	6.2	3.8
3,000 to 3,999 pounds	59	100.0	1.4	89.5	7.1	2.0
4,000 to 4,999 pounds	61	100.0	2.0	87.9	8.0	2.1
5,000 to 5,999 pounds	173	100.0	9.2	74.6	12.4	3.8
10,000 to 29,999 pounds	661	100.0	14.6	69.9	12.4	3.1
10,000 to 19,999 pounds	265	100.0	10.4	69.4	19.2	1.0
20,000 to 29,999 pounds	396	100.0	17.3	70.4	7.8	4.5
30,000 to 59,999 pounds	936	100.0	53.5	37.8	7.7	1.0
30,000 to 39,999 pounds	403	100.0	41.0	47.1	9.8	2.1
40,000 to 49,999 pounds	291	100.0	55.1	35.4	9.5	-
50,000 to 59,999 pounds	242	100.0	72.4	25.2	2.1	.3
60,000 to 89,999 pounds	846	100.0	90.9	8.0	.8	.3
60,000 to 69,999 pounds	494	100.0	93.1	6.0	.3	.6
70,000 to 79,999 pounds	81	100.0	70.0	24.4	5.6	-
80,000 to 89,999 pounds	271	100.0	93.2	6.7	.1	-
90,000 pounds and over	426	100.0	78.1	20.4	.9	.6

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 193--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Construction, Mining, and Materials Handling Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	5,589	100.0	37.5	52.2	9.0	1.3
Under 200 miles	1,206	100.0	29.3	53.6	16.1	1.0
Under 1,000 pounds	69	100.0	-	81.3	8.3	10.4
1,000 to 9,999 pounds	201	100.0	-	74.4	24.8	.8
10,000 to 29,999 pounds	319	100.0	2.0	75.0	22.9	.1
30,000 to 59,999 pounds	301	100.0	20.2	58.8	20.4	.6
60,000 to 89,999 pounds	194	100.0	90.3	9.4	.1	.2
90,000 pounds and over	122	100.0	90.0	6.2	3.8	-
200 to 399 miles	1,287	100.0	31.4	59.9	7.4	1.3
Under 1,000 pounds	64	100.0	.2	87.4	4.1	8.3
1,000 to 9,999 pounds	216	100.0	1.4	87.0	9.4	2.2
10,000 to 29,999 pounds	341	100.0	8.2	83.1	8.2	.5
30,000 to 59,999 pounds	380	100.0	45.2	46.0	7.6	1.2
60,000 to 89,999 pounds	77	100.0	50.6	41.7	7.7	-
90,000 pounds and over	209	100.0	77.5	17.9	4.5	.1
400 to 599 miles	847	100.0	17.2	68.5	13.0	1.3
Under 1,000 pounds	46	100.0	.2	89.2	3.6	7.0
1,000 to 9,999 pounds	149	100.0	.2	89.9	9.4	.5
10,000 to 29,999 pounds	327	100.0	5.8	80.2	12.7	1.3
30,000 to 59,999 pounds	194	100.0	20.7	54.7	23.1	1.5
60,000 to 89,999 pounds	50	100.0	46.2	38.6	15.2	-
90,000 pounds and over	81	100.0	78.8	20.7	.4	.1
600 to 999 miles	1,214	100.0	45.2	48.5	4.9	1.4
Under 1,000 pounds	58	100.0	.6	83.1	3.7	12.6
1,000 to 9,999 pounds	189	100.0	5.2	86.6	6.2	2.0
10,000 to 29,999 pounds	287	100.0	16.4	75.7	6.8	1.1
30,000 to 59,999 pounds	422	100.0	61.0	32.4	6.2	.4
60,000 to 89,999 pounds	107	100.0	89.1	10.5	.4	-
90,000 pounds and over	151	100.0	91.3	8.7	-	-
1,000 miles and over	1,035	100.0	62.5	31.4	4.2	1.9
Under 1,000 pounds	48	100.0	2.3	84.4	2.7	10.6
1,000 to 9,999 pounds	118	100.0	5.1	80.4	9.1	5.4
10,000 to 29,999 pounds	95	100.0	24.9	49.6	20.4	5.1
30,000 to 59,999 pounds	243	100.0	58.3	36.0	4.6	1.1
60,000 to 89,999 pounds	401	100.0	94.1	5.7	.1	.1
90,000 pounds and over	130	100.0	74.8	24.7	-	.5
TON-MILES	(millions of ton-miles)					
Total[1]	3,531	100.0	48.8	43.2	5.9	2.1
Under 200 miles	124	100.0	33.2	52.5	13.4	.9
Under 1,000 pounds	7	100.0	.1	84.1	5.5	10.3
1,000 to 9,999 pounds	19	100.0	-	79.3	20.3	.4
10,000 to 29,999 pounds	30	100.0	1.4	74.7	23.8	.1
30,000 to 59,999 pounds	32	100.0	24.8	60.1	14.6	.5
60,000 to 89,999 pounds	26	100.0	90.9	8.9	.2	-
90,000 pounds and over	10	100.0	88.5	5.8	5.7	-
200 to 399 miles	393	100.0	33.8	57.9	6.9	1.4
Under 1,000 pounds	19	100.0	.2	87.5	3.9	8.4
1,000 to 9,999 pounds	62	100.0	1.6	87.1	8.9	2.4
10,000 to 29,999 pounds	101	100.0	9.4	82.1	8.0	.5
30,000 to 59,999 pounds	120	100.0	47.8	44.2	6.8	1.2
60,000 to 89,999 pounds	23	100.0	53.1	41.0	5.9	-
90,000 pounds and over	68	100.0	77.6	17.8	4.5	.1

See footnote at end of table.

TABLE 3. SHIPPER CLASS 193--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Construction, Mining, and Materials Handling Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	416	100.0	17.3	67.8	13.5	1.4
Under 1,000 pounds	23	100.0	.2	89.2	3.5	7.1
1,000 to 9,999 pounds	73	100.0	.2	89.4	9.9	.5
10,000 to 29,999 pounds	162	100.0	5.8	79.2	13.5	1.5
30,000 to 59,999 pounds	95	100.0	21.8	52.7	23.7	1.8
60,000 to 89,999 pounds	24	100.0	47.8	36.5	15.7	-
90,000 pounds and over	39	100.0	76.6	22.8	.5	.1
600 to 999 miles	921	100.0	45.6	48.4	4.8	1.2
Under 1,000 pounds	45	100.0	.7	83.4	3.8	12.1
1,000 to 9,999 pounds	148	100.0	5.6	86.3	6.3	1.8
10,000 to 29,999 pounds	212	100.0	17.6	74.8	6.5	1.1
30,000 to 59,999 pounds	315	100.0	61.2	32.4	6.0	.4
60,000 to 89,999 pounds	84	100.0	88.6	11.0	.4	-
90,000 pounds and over	117	100.0	91.1	8.9	-	-
1,000 miles and over	1,677	100.0	63.1	30.2	3.9	2.8
Under 1,000 pounds	77	100.0	2.4	83.0	2.4	12.2
1,000 to 9,999 pounds	188	100.0	5.8	79.5	7.4	7.3
10,000 to 29,999 pounds	156	100.0	25.4	45.0	19.7	9.9
30,000 to 59,999 pounds	375	100.0	59.3	34.6	4.8	1.3
60,000 to 89,999 pounds	689	100.0	94.0	5.5	.1	.4
90,000 pounds and over	192	100.0	70.1	28.6	-	1.3

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 193--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Construction, Mining, and Materials Handling Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	6,386	100.0	40.1	49.3	9.4	0.2	0.3	0.5	0.2
New England[1]	14	-	-	-	-	-	-	-	-
Middle Atlantic	688	100.0	23.8	63.5	11.1	.2	1.0	.4	-
East North Central	4,099	100.0	48.0	46.0	5.4	.1	.2	.3	-
West North Central	469	100.0	37.2	46.6	14.7	.4	.1	1.0	-
South Atlantic	67	100.0	3.3	35.0	54.3	.3	-	7.1	-
East South Central	251	100.0	31.0	46.7	22.0	-	-	.2	.1
West South Central	583	100.0	25.1	49.9	21.8	.3	.2	.7	2.0
Mountain	22	100.0	26.1	73.0	.2	.5	-	.2	-
Pacific[2]	193	100.0	10.9	78.4	6.5	.4	3.4	.4	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	4,045	100.0	52.1	40.3	5.7	.3	1.0	.4	.2
New England[1]	13	-	-	-	-	-	-	-	-
Middle Atlantic	498	100.0	42.9	48.4	6.8	.3	1.0	.6	-
East North Central	2,440	100.0	61.2	34.7	3.1	.2	.5	.2	.1
West North Central	270	100.0	40.4	47.0	9.8	.7	1.0	1.1	-
South Atlantic	18	100.0	18.3	56.0	20.2	1.1	-	4.4	-
East South Central	205	100.0	58.9	32.2	8.8	-	-	.1	-
West South Central	388	100.0	35.1	46.1	16.1	.5	.1	.6	1.5
Mountain	19	100.0	28.3	70.7	.2	.5	.1	.2	-
Pacific[2]	194	100.0	13.2	70.9	5.5	.6	9.4	.4	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER CLASS 193--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Construction, Mining, and Materials Handling Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	6,386	6,386	140	1,005	1,633	730	743	363	769	243	760
Ton-miles.....millions..	4,045	4,045	100	549	403	283	496	186	511	286	1,231
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. Total.....	6,386	100.0	2.2	15.7	25.7	11.4	11.6	5.7	12.0	3.8	11.9
Shipments from--											
New England[2].....	14	100.0	-	-	-	-	-	-	-	-	-
Middle Atlantic.....	688	100.0	3.8	29.7	19.5	3.4	14.2	6.0	7.0	4.0	12.4
East North Central.....	4,099	100.0	2.5	16.4	32.4	11.2	12.1	4.8	7.7	2.8	10.1
West North Central.....	469	100.0	.8	12.5	16.9	34.2	9.0	5.2	14.2	3.4	3.8
South Atlantic.....	67	100.0	.1	14.5	5.4	.7	23.4	48.4	4.0	1.1	2.4
East South Central.....	251	100.0	.6	9.5	13.5	1.2	14.3	9.8	20.7	3.3	27.1
West South Central.....	583	100.0	.1	3.3	6.6	13.0	7.1	4.7	44.3	10.5	10.4
Mountain.....	22	100.0	.4	8.5	14.3	12.6	5.4	.4	15.2	11.2	32.0
Pacific[3].....	193	100.0	1.2	3.6	8.3	1.8	5.1	8.2	10.9	7.2	53.7
TON-MILES	(millions)										
U.S. total.....	4,045	100.0	2.5	13.6	10.0	7.0	12.3	4.6	12.6	7.1	30.3
Shipments from--											
New England[2].....	13	100.0	-	-	-	-	-	-	-	-	-
Middle Atlantic.....	498	100.0	1.3	7.3	12.0	4.2	8.1	5.4	13.0	10.8	37.9
East North Central.....	2,440	100.0	3.3	16.2	9.5	7.4	13.6	3.8	10.5	5.7	30.0
West North Central.....	270	100.0	1.4	19.8	10.8	10.1	14.8	5.6	21.4	5.5	10.6
South Atlantic.....	18	100.0	.2	19.5	6.5	3.2	7.7	22.6	14.2	5.7	20.4
East South Central.....	205	100.0	.6	8.2	7.5	.7	8.0	3.3	9.5	4.5	57.7
West South Central.....	388	100.0	.3	5.8	8.2	12.0	10.5	2.9	19.6	15.0	25.7
Mountain.....	19	100.0	.8	14.6	16.0	6.3	9.3	.5	16.0	2.4	34.1
Pacific[3].....	194	100.0	2.9	8.5	15.2	2.6	11.8	15.3	15.2	3.9	24.6

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 193--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Construction, Mining, and Materials Handling Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U. S. total	6,386	100.0	40.1	49.3	9.4	0.2	0.3	0.5	0.2
Middle Atlantic, total	688	100.0	23.8	63.5	11.1	.2	1.0	.4	-
Shipments to--									
New England	261	100.0	1.1	93.0	5.3	.5	-	.1	-
Middle Atlantic	205	100.0	16.0	63.2	17.9	.1	2.4	.4	-
East North Central	134	100.0	15.7	75.0	8.8	.3	-	.2	-
South Atlantic	97	100.0	6.7	80.1	12.8	.1	-	.3	-
East South Central	41	100.0	13.3	73.3	13.2	.1	-	.1	-
West South Central	48	100.0	38.8	51.8	5.3	.1	3.6	.4	-
Pacific	85	100.0	70.0	28.5	.4	.3	.3	.5	-
East North Central, total	4,099	100.0	48.0	46.0	5.4	.1	.2	.3	-
Shipments to--									
New England	104	100.0	47.7	51.4	.7	.1	-	.1	-
Middle Atlantic	674	100.0	44.2	53.4	1.9	.2	.2	.1	-
East North Central	1,324	100.0	34.8	55.2	9.7	.1	-	.2	-
West North Central	460	100.0	50.2	46.9	2.6	-	-	.3	-
South Atlantic	498	100.0	52.1	38.2	8.4	.3	.3	.7	-
East South Central	197	100.0	23.6	69.4	6.4	.1	-	.5	-
West South Central	315	100.0	61.5	36.1	1.6	.2	.4	.2	-
Mountain	113	100.0	70.3	28.1	.8	.3	-	.5	-
Pacific	414	100.0	84.6	12.5	1.8	.1	.6	.1	.3
West North Central, total	469	100.0	37.2	46.6	14.7	.4	.1	1.0	-
Shipments to--									
Middle Atlantic	58	100.0	49.0	49.1	1.5	.2	-	.2	-
East North Central	79	100.0	19.3	60.3	20.0	.2	-	.2	-
West North Central	161	100.0	40.2	38.2	21.5	-	-	.1	-
South Atlantic	42	100.0	28.8	57.0	10.6	3.2	-	.4	-
West South Central	67	100.0	56.6	33.2	7.2	.2	-	2.8	-
West South Central, total	583	100.0	25.1	49.9	21.8	.3	.2	.7	2.0
Shipments to--									
East North Central	38	100.0	23.5	50.0	15.7	.3	-	.6	9.9
West North Central	75	100.0	72.2	12.0	15.1	.1	-	.5	.1
West South Central	259	100.0	4.5	64.0	27.9	.2	.4	.8	2.2
Mountain	61	100.0	1.8	78.6	15.9	.5	-	.1	3.1
Pacific	60	100.0	55.8	35.6	7.5	.4	.1	.1	.5
TON-MILES	(millions of ton-miles)								
U. S. total	4,045	100.0	52.1	40.3	5.7	.3	1.0	.4	.2
Middle Atlantic, total	498	100.0	42.9	48.4	6.8	.3	1.0	.6	-
Shipments to--									
New England	7	100.0	2.1	93.6	3.6	.5	-	.2	-
Middle Atlantic	36	100.0	17.0	64.7	14.2	.1	3.9	.1	-
East North Central	60	100.0	16.6	75.4	7.5	.3	-	.2	-
South Atlantic	40	100.0	9.4	77.1	13.1	.2	-	.2	-
East South Central	27	100.0	41.6	70.0	15.2	.1	-	.1	-
West South Central	65	100.0	43.1	47.1	5.5	.1	3.7	.5	-
Pacific	189	100.0	68.0	30.1	.4	.3	.6	.6	-

See footnote at end of table.

TABLE 6. SHIPPER CLASS 193--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Construction, Mining, and Materials Handling Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
East North Central, total	2,440	100.0	61.2	34.7	3.1	0.2	0.5	0.2	0.1
Shipments to--									
New England	81	100.0	46.5	52.6	.7	.1	-	.1	-
Middle Atlantic	396	100.0	48.1	49.7	1.6	.2	.3	.1	-
East North Central	232	100.0	40.6	52.5	6.6	.1	-	.2	-
West North Central	180	100.0	49.2	47.5	2.9	.1	-	.3	-
South Atlantic	332	100.0	57.9	33.6	7.4	.3	.2	.6	-
East South Central	92	100.0	27.4	66.4	5.4	.1	-	.7	-
West South Central	257	100.0	62.6	35.1	1.6	.2	.3	.2	-
Mountain	140	100.0	70.7	27.7	.8	.3	-	.5	-
Pacific	730	100.0	82.7	13.5	1.8	.2	1.4	.1	.3
West North Central, total	270	100.0	40.4	47.0	9.8	.7	1.0	1.1	-
Shipments to--									
Middle Atlantic	53	100.0	51.1	47.0	1.5	.2	-	.2	-
East North Central	29	100.0	21.2	57.7	20.5	.3	-	.3	-
West North Central	27	100.0	34.9	46.3	18.6	-	-	.2	-
South Atlantic	40	100.0	28.6	54.7	12.4	3.8	-	.5	-
West South Central	58	100.0	64.4	26.7	6.4	.1	-	2.4	-
West South Central, total	388	100.0	35.1	46.1	16.1	.5	.1	.6	1.5
Shipments to--									
East North Central	32	100.0	25.2	50.5	15.6	.3	-	.5	7.9
West North Central	46	100.0	68.8	13.7	16.7	.2	-	.5	.1
West South Central	76	100.0	5.6	64.4	26.0	.2	.4	1.1	2.3
Mountain	58	100.0	2.1	80.7	14.9	.6	-	.1	1.6
Pacific	100	100.0	53.2	39.8	5.8	.5	.2	.1	.4

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 193--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Construction, Mining, and Materials Handling Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	6,386	1,109	1,674	3,603	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	4,045	516	1,036	2,493
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	40.1	12.2	21.9	57.0	52.1	13.1	32.3	68.4
Motor carrier.....	49.3	81.8	61.7	33.6	40.3	80.7	54.6	26.0
Private truck.....	9.4	4.6	14.5	8.5	5.7	4.8	9.8	4.2
Air.....	.2	-	.3	.2	.3	.1	.5	.2
Water.....	.3	-	.7	.3	1.0	-	2.0	.8
Other.....	.5	.4	.9	.3	.4	.2	.8	.3
Unknown.....	.2	1.0	-	.1	.2	1.1	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	9.7	9.9	12.9	8.1	.8	1.0	1.0	.6
100 to 199 miles.....	12.0	9.7	9.0	14.1	2.8	3.1	2.2	3.0
200 to 299 miles.....	10.2	11.4	12.1	9.0	4.0	6.0	5.0	3.2
300 to 399 miles.....	11.6	17.6	12.2	9.4	6.4	13.3	6.8	4.8
400 to 499 miles.....	8.6	12.0	10.4	6.7	6.1	11.4	7.6	4.4
500 to 999 miles.....	29.4	35.4	24.5	29.9	33.1	51.6	28.5	31.2
1,000 miles and over.....	18.5	4.0	18.9	22.8	46.8	13.6	48.9	52.8

Table 8. SHIPPER CLASS 193--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Construction, Mining, and Materials Handling Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	34.7	8.0	67.7	92.4
Highway facilities	80.3	85.8	70.6	77.4
Rail and highway facilities	26.6	8.0	48.5	69.8
Air facilities	93.4	100.0	84.3	81.6
Rail, highway, and air facilities	24.1	8.0	43.3	61.4
Water facilities	9.8	-	23.4	26.1
Rail, highway, air, and water facilities	6.6	-	13.8	23.6

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 11.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 194--Percent Distribution of Distance, by Means of Transport: 1967

Office and Service Industry Machinery

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	3,520	100.0	23.1	65.3	8.2	0.7	0.2	1.4	1.1
Under 50 miles	166	100.0	4.2	73.5	19.6	.3	1.4	.9	.1
50 to 99 miles	159	100.0	3.8	71.6	21.0	2.9	.1	.6	-
100 to 199 miles	461	100.0	3.1	84.2	11.6	.1	-	.6	.4
200 to 299 miles	362	100.0	10.6	75.3	11.7	.3	.2	.8	1.1
300 to 399 miles	413	100.0	14.2	74.5	10.8	.1	-	.4	-
400 to 499 miles	219	100.0	22.8	69.4	6.6	.5	-	.5	.2
500 to 599 miles	243	100.0	31.3	59.9	7.2	.7	-	.9	-
600 to 799 miles	449	100.0	28.2	62.5	6.9	.4	.1	1.8	.1
800 to 999 miles	338	100.0	44.4	50.0	3.5	.5	-	1.6	-
1,000 to 1,199 miles	157	100.0	23.6	66.3	4.0	1.9	-	4.1	.1
1,200 to 1,499 miles	215	100.0	62.4	35.4	.1	.4	-	1.7	-
1,500 to 1,999 miles	173	100.0	30.1	47.0	.2	1.4	1.6	2.5	17.2
2,000 miles and over	165	100.0	38.5	52.5	-	2.8	1.0	5.1	.1
TON-MILES	(millions of ton-miles)								
Total	2,316	100.0	33.4	56.5	4.0	1.1	.6	2.3	2.1
Under 50 miles	5	100.0	4.0	74.8	19.4	.3	.5	.9	.1
50 to 99 miles	12	100.0	4.2	70.7	21.3	3.1	.1	.6	-
100 to 199 miles	70	100.0	3.3	84.2	11.6	.1	-	.5	.3
200 to 299 miles	92	100.0	10.2	75.9	11.5	.3	.2	.8	1.1
300 to 399 miles	141	100.0	14.4	74.3	10.7	.1	-	.5	-
400 to 499 miles	99	100.0	22.7	69.7	6.4	.5	-	.5	.2
500 to 599 miles	135	100.0	31.1	60.3	7.0	.7	-	.9	-
600 to 799 miles	310	100.0	27.7	63.0	7.0	.4	.1	1.7	.1
800 to 999 miles	299	100.0	43.5	50.8	3.6	.5	-	1.6	-
1,000 to 1,199 miles	172	100.0	23.6	66.4	4.0	1.8	-	4.1	.1
1,200 to 1,499 miles	292	100.0	63.3	34.6	.1	.4	-	1.6	-
1,500 to 1,999 miles	296	100.0	30.4	48.4	.3	1.4	1.7	2.5	15.3
2,000 miles and over	393	100.0	36.9	53.5	-	2.8	1.8	4.9	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 194--Percent Distribution of Weight, by Means of Transport: 1967

Office and Service Industry Machinery

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	3,502	100.0	23.2	65.3	8.1	3.4
Under 1,000 pounds	421	100.0	5.4	83.9	1.7	9.0
Under 50 pounds	16	100.0	3.3	39.6	1.2	55.9
50 to 99 pounds	25	100.0	4.1	74.1	.9	20.9
100 to 199 pounds	49	100.0	4.0	83.7	1.1	11.2
200 to 499 pounds	137	100.0	4.2	88.8	1.3	5.7
500 to 999 pounds	194	100.0	6.9	85.5	2.3	5.3
1,000 to 9,999 pounds	814	100.0	3.1	81.2	11.3	4.4
1,000 to 1,999 pounds	220	100.0	3.2	88.4	4.2	4.2
2,000 to 2,999 pounds	128	100.0	.5	84.3	5.6	9.6
3,000 to 3,999 pounds	124	100.0	2.4	87.0	6.4	4.2
4,000 to 4,999 pounds	81	100.0	9.8	73.7	12.6	3.9
5,000 to 9,999 pounds	261	100.0	2.4	73.3	21.9	2.4
10,000 to 29,999 pounds	1,652	100.0	36.4	52.4	8.5	2.7
10,000 to 19,999 pounds	970	100.0	35.0	51.4	10.0	3.6
20,000 to 29,999 pounds	682	100.0	38.4	53.9	6.4	1.3
30,000 to 59,999 pounds	564	100.0	24.7	67.7	7.6	-
30,000 to 39,999 pounds	327	100.0	28.8	64.9	6.3	-
40,000 to 49,999 pounds	162	100.0	22.5	63.6	13.8	.1
50,000 to 59,999 pounds	75	100.0	11.6	88.4	-	-
60,000 to 89,999 pounds	35	100.0	50.1	49.9	-	-
60,000 to 79,999 pounds	24	100.0	28.6	71.4	-	-
80,000 to 89,999 pounds	11	100.0	100.0	-	-	-
90,000 pounds and over	16	100.0	33.4	53.6	13.0	-
TON-MILES	(millions of ton-miles)					
Total	2,300	100.0	33.5	56.4	4.1	6.0
Under 1,000 pounds	305	100.0	8.9	77.9	.4	12.8
Under 50 pounds	12	100.0	4.6	35.9	.2	59.3
50 to 99 pounds	19	100.0	6.9	68.2	.1	24.8
100 to 199 pounds	37	100.0	8.1	76.8	.3	14.8
200 to 499 pounds	97	100.0	7.5	82.7	.4	9.4
500 to 999 pounds	140	100.0	10.7	79.7	.5	9.1
1,000 to 9,999 pounds	531	100.0	5.6	81.7	4.8	7.9
1,000 to 1,999 pounds	168	100.0	5.5	86.6	1.0	6.9
2,000 to 2,999 pounds	76	100.0	1.5	80.3	1.6	16.6
3,000 to 3,999 pounds	70	100.0	8.0	81.3	2.5	8.2
4,000 to 4,999 pounds	62	100.0	13.2	74.8	4.6	7.4
5,000 to 9,999 pounds	155	100.0	3.6	80.0	11.6	4.8
10,000 to 29,999 pounds	1,095	100.0	51.3	38.9	4.8	5.0
10,000 to 19,999 pounds	616	100.0	44.7	41.3	6.0	8.0
20,000 to 29,999 pounds	479	100.0	59.8	35.8	3.2	1.2
30,000 to 59,999 pounds	352	100.0	40.6	55.2	4.1	.1
30,000 to 39,999 pounds	186	100.0	44.2	51.3	4.5	-
40,000 to 49,999 pounds	138	100.0	39.2	56.4	4.2	.2
50,000 to 59,999 pounds	28	100.0	23.4	76.6	-	-
60,000 to 89,999 pounds	8	100.0	67.3	32.7	-	-
60,000 to 79,999 pounds	3	100.0	7.3	92.7	-	-
80,000 to 89,999 pounds	5	100.0	100.0	-	-	-
90,000 pounds and over	9	100.0	36.9	61.5	1.6	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 194--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Office and Service Industry Machinery

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	3,502	100.0	23.2	65.3	8.1	3.4
Under 200 miles	779	100.0	3.5	79.7	14.9	1.9
Under 1,000 pounds	77	100.0	.1	86.8	7.9	5.2
1,000 to 9,999 pounds	186	100.0	-	74.1	23.0	2.9
10,000 to 29,999 pounds	257	100.0	4.0	76.3	17.6	2.1
30,000 to 59,999 pounds	232	100.0	4.3	87.1	8.6	-
60,000 to 89,999 pounds	25	100.0	28.5	71.5	-	-
90,000 pounds and over	2	100.0	-	-	100.0	-
200 to 399 miles	774	100.0	12.6	74.8	11.2	1.4
Under 1,000 pounds	79	100.0	3.5	90.1	.7	5.7
1,000 to 9,999 pounds	167	100.0	1.5	78.5	17.1	2.9
10,000 to 29,999 pounds	462	100.0	18.7	70.1	10.8	.4
30,000 to 59,999 pounds	62	100.0	1.9	85.8	12.3	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
400 to 599 miles	462	100.0	27.3	64.4	6.9	1.4
Under 1,000 pounds	65	100.0	4.3	89.1	.2	6.4
1,000 to 9,999 pounds	126	100.0	.3	89.8	7.9	2.0
10,000 to 29,999 pounds	229	100.0	46.2	47.8	6.0	-
30,000 to 59,999 pounds	31	100.0	20.5	53.7	25.8	-
60,000 to 89,999 pounds	9	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
600 to 999 miles	784	100.0	35.3	56.9	5.5	2.3
Under 1,000 pounds	100	100.0	3.7	85.9	.3	10.1
1,000 to 9,999 pounds	171	100.0	4.6	87.5	4.9	3.0
10,000 to 29,999 pounds	371	100.0	49.7	41.9	7.7	.7
30,000 to 59,999 pounds	134	100.0	60.4	35.4	4.2	-
60,000 pounds and over	8	100.0	-	100.0	-	-
1,000 miles and over	703	100.0	40.4	49.1	1.0	9.5
Under 1,000 pounds	99	100.0	13.3	71.5	.1	15.1
1,000 to 9,999 pounds	165	100.0	8.6	79.2	1.3	10.9
10,000 to 29,999 pounds	333	100.0	64.6	24.1	1.0	10.3
30,000 to 59,999 pounds	106	100.0	38.9	59.6	1.3	.2
60,000 pounds and over	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,300	100.0	33.5	56.4	4.1	6.0
Under 200 miles	86	100.0	3.4	81.9	13.3	1.4
Under 1,000 pounds	8	100.0	.2	87.9	6.9	5.0
1,000 to 9,999 pounds	19	100.0	-	79.2	19.2	1.6
10,000 to 29,999 pounds	29	100.0	5.9	75.9	16.6	1.6
30,000 to 59,999 pounds	27	100.0	3.8	87.6	8.6	-
60,000 to 89,999 pounds	3	100.0	7.3	92.7	-	-
90,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	233	100.0	12.7	75.0	11.0	1.3
Under 1,000 pounds	23	100.0	3.9	89.8	.8	5.5
1,000 to 9,999 pounds	50	100.0	1.7	78.7	17.2	2.4
10,000 to 29,999 pounds	139	100.0	18.6	70.4	10.6	.4
30,000 to 59,999 pounds	19	100.0	2.1	86.8	11.1	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 194--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Office and Service Industry Machinery

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	234	100.0	27.5	64.4	6.7	1.4
Under 1,000 pounds	33	100.0	3.9	89.4	.2	6.5
1,000 to 9,999 pounds	63	100.0	.2	90.3	7.5	2.0
10,000 to 29,999 pounds	118	100.0	46.4	47.6	6.0	-
30,000 to 59,999 pounds	14	100.0	19.0	54.4	26.6	-
60,000 to 89,999 pounds	5	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-
600 to 999 miles	607	100.0	35.5	56.8	5.4	2.3
Under 1,000 pounds	78	100.0	4.1	85.7	.3	9.9
1,000 to 9,999 pounds	133	100.0	5.0	87.2	4.6	3.2
10,000 to 29,999 pounds	282	100.0	49.5	42.3	7.6	.6
30,000 to 59,999 pounds	109	100.0	61.5	34.3	4.2	-
60,000 pounds and over	5	100.0	-	100.0	-	-
1,000 miles and over	1,140	100.0	40.1	49.1	.7	10.1
Under 1,000 pounds	163	100.0	13.4	69.5	-	17.1
1,000 to 9,999 pounds	266	100.0	8.3	77.7	.9	13.1
10,000 to 29,999 pounds	527	100.0	64.5	24.9	.8	9.8
30,000 to 59,999 pounds	183	100.0	39.4	59.7	.8	.1
60,000 pounds and over	1	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 194--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Office and Service Industry Machinery

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	3,520	100.0	23.1	65.3	8.2	0.7	0.2	1.4	1.1
New England	96	100.0	8.8	89.1	.7	1.0	.1	.3	-
Middle Atlantic	649	100.0	23.7	69.4	1.6	1.6	.7	2.8	.2
East North Central	825	100.0	9.9	71.3	11.6	.4	.3	2.2	4.3
West North Central	157	100.0	15.5	77.5	2.6	2.8	-	1.5	.1
South Atlantic	114	100.0	.3	44.9	52.7	.3	.4	1.4	-
West South Central	458	100.0	20.0	67.6	11.9	.1	-	.4	-
Pacific[1]	427	100.0	8.3	79.9	9.6	.9	-	1.3	-
Balance of United States[2]	794	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,316	100.0	33.4	56.5	4.0	1.1	.6	2.3	2.1
New England	71	100.0	25.5	73.1	.2	.6	.4	.2	-
Middle Atlantic	558	100.0	36.2	56.2	.6	1.3	.8	4.9	-
East North Central	448	100.0	16.6	60.8	6.4	.6	1.2	3.8	10.6
West North Central	128	100.0	15.5	76.4	2.2	3.9	.2	1.8	-
South Atlantic	66	100.0	1.3	55.6	38.4	.5	3.0	1.2	-
West South Central	282	100.0	27.9	62.4	8.6	.1	.2	.8	-
Pacific[1]	214	100.0	17.3	76.5	1.8	3.6	-	.8	-
Balance of United States[2]	550	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 194--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Office and Service Industry Machinery

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	3,520	3,520	117	654	712	213	490	182	378	223	551
Ton-miles.....millions..	2,316	2,316	74	382	234	130	343	101	237	281	534
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	3,520	100.0	3.3	18.6	20.3	6.0	13.9	5.2	10.7	6.3	15.7
Shipments from--											
New England.....	96	100.0	17.1	23.5	18.3	4.2	18.4	4.7	3.6	1.4	8.8
Middle Atlantic.....	649	100.0	5.3	24.9	19.9	4.8	13.9	5.1	8.1	2.3	15.7
East North Central.....	825	100.0	2.6	15.8	44.0	6.6	9.9	4.0	4.8	5.1	7.2
West North Central.....	157	100.0	3.6	31.7	16.5	9.1	17.1	4.1	7.2	2.8	7.9
South Atlantic.....	114	100.0	2.1	23.6	15.3	3.3	37.4	8.1	4.9	1.6	3.7
West South Central.....	458	100.0	.3	9.5	4.3	8.7	22.7	10.5	40.3	.7	3.0
Pacific[2].....	427	100.0	1.1	4.3	2.0	.3	2.0	2.5	3.5	7.5	76.8
Balance of U.S.[3].....	794	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	2,316	100.0	3.2	16.5	10.1	5.6	14.8	4.3	10.2	12.1	23.2
Shipments from--											
New England.....	71	100.0	1.4	6.1	18.9	6.7	19.4	6.2	7.0	3.8	30.5
Middle Atlantic.....	558	100.0	1.4	4.0	12.6	5.2	11.2	4.4	12.7	5.1	43.4
East North Central.....	448	100.0	3.6	15.2	12.8	5.8	12.5	3.8	8.0	13.7	24.6
West North Central.....	128	100.0	4.9	35.6	8.5	3.0	19.8	2.9	6.4	3.6	15.3
South Atlantic.....	66	100.0	3.3	24.5	15.9	5.1	16.5	6.3	6.7	5.5	16.2
West South Central.....	282	100.0	.5	18.8	6.7	9.2	33.7	6.4	16.5	1.1	7.1
Pacific[2].....	214	100.0	5.8	20.9	7.6	1.1	9.5	8.7	9.4	5.5	31.5
Balance of U.S.[3].....	550	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 194--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Office and Service Industry Machinery

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	3,520	100.0	23.1	65.3	8.2	0.7	0.2	1.4	1.1
Middle Atlantic, total	649	100.0	23.7	69.4	1.6	1.6	.7	2.8	.2
Shipments to--									
New England	35	100.0	-	98.6	-	.2	-	1.2	-
Middle Atlantic	160	100.0	8.7	80.8	3.7	3.6	1.8	.6	.8
East North Central	129	100.0	19.0	74.5	3.3	.8	-	2.4	-
West North Central	31	100.0	4.4	87.0	-	1.0	-	7.6	-
South Atlantic	91	100.0	37.5	61.3	.1	.5	-	.6	-
West South Central	53	100.0	44.8	48.0	-	.7	2.2	4.3	-
Pacific	102	100.0	49.5	40.6	-	1.8	.4	7.7	-
East North Central, total	825	100.0	9.9	71.3	11.6	.4	.3	2.2	4.3
Shipments to--									
Middle Atlantic	130	100.0	19.8	64.8	9.1	1.3	.5	4.2	.3
East North Central	364	100.0	3.2	78.4	16.7	-	-	.4	1.3
West North Central	54	100.0	5.3	83.6	8.6	.8	-	1.7	-
South Atlantic	81	100.0	11.3	73.8	10.2	.5	-	4.2	-
West South Central	40	100.0	22.4	64.1	7.0	.6	-	5.3	.6
Pacific	59	100.0	32.3	56.1	.7	.8	3.5	5.8	.8
TON-MILES	(millions of ton-miles)								
U.S. total	2,316	100.0	33.4	56.5	4.0	1.1	.6	2.3	2.1
Middle Atlantic, total	558	100.0	36.2	56.2	.6	1.3	.8	4.9	-
Shipments to--									
New England	8	100.0	.1	98.6	-	.2	-	1.1	-
Middle Atlantic	22	100.0	13.1	80.9	1.0	2.9	.8	.6	.7
East North Central	70	100.0	22.7	68.9	4.7	.8	-	2.9	-
West North Central	29	100.0	4.6	85.1	-	1.0	-	9.3	-
South Atlantic	62	100.0	40.5	58.5	-	.6	-	.4	-
West South Central	71	100.0	46.9	45.2	-	.7	2.9	4.3	-
Pacific	242	100.0	47.3	42.5	-	1.8	.9	7.5	-
East North Central, total	448	100.0	16.6	60.8	6.4	.6	1.2	3.8	10.6
Shipments to--									
Middle Atlantic	68	100.0	16.8	66.0	9.2	1.3	.7	5.7	.3
East North Central	57	100.0	4.6	77.2	15.9	-	-	.4	1.9
West North Central	26	100.0	6.1	84.0	7.5	.9	-	1.5	-
South Atlantic	56	100.0	15.2	72.1	6.9	.5	-	5.3	-
West South Central	36	100.0	23.6	63.0	6.4	.6	-	5.7	.7
Pacific	110	100.0	32.8	54.8	.8	.9	4.5	5.4	.8

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 194--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Office and Service Industry Machinery

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	3,520	332	840	2,348	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,316	92	542	1,682
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	23.1	.2	13.2	29.9	33.4	.4	21.2	39.1
Motor carrier.....	65.3	89.2	72.5	59.4	56.5	90.2	68.1	51.2
Private truck.....	8.2	7.0	12.0	7.0	4.0	2.4	7.1	3.1
Air.....	.7	.3	.6	.8	1.1	.8	.9	1.1
Water.....	.2	1.1	.2	.1	.6	3.1	.9	.3
Other.....	1.4	2.2	1.3	1.3	2.3	3.1	1.8	2.4
Unknown.....	1.1	-	.2	1.5	2.1	-	-	2.8
DISTANCE OF SHIPMENTS								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	9.2	23.8	5.5	8.5	.7	4.0	.4	.6
100 to 199 miles.....	13.1	25.1	16.3	10.3	3.0	11.6	4.2	2.2
200 to 299 miles.....	10.3	17.3	9.4	9.6	4.0	16.7	3.8	3.4
300 to 399 miles.....	11.7	25.6	10.5	10.2	6.1	31.5	5.5	4.9
400 to 499 miles.....	6.2	.6	6.6	6.9	4.3	1.0	4.7	4.3
500 to 999 miles.....	29.3	3.7	33.3	31.4	32.1	10.2	38.8	31.2
1,000 miles and over.....	20.2	3.9	18.4	23.1	49.8	25.0	42.6	53.4

Table 8. SHIPPER CLASS 194--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Office and Service Industry Machinery

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	21.0	7.1	40.0	45.7
Highway facilities	97.8	100.0	96.1	90.8
Rail and highway facilities	19.8	7.1	39.1	37.3
Air facilities	94.2	100.0	85.4	86.2
Rail, highway, and air facilities	17.0	7.1	31.7	32.0
Water facilities	21.1	21.4	22.3	16.7
Rail, highway, air, and water facilities	4.6	-	13.2	6.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 195--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Machinery and Parts, Except Electrical

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	478	100.0	1.3	58.1	37.8	1.3	-	1.3	0.2
Under 50 miles	70	100.0	-	24.1	73.2	-	-	2.5	.2
50 to 99 miles	28	100.0	-	83.2	12.8	-	-	2.0	2.0
100 to 199 miles	195	100.0	-	38.8	60.8	.1	-	.3	-
200 to 299 miles	46	100.0	.1	89.0	8.3	1.8	-	.7	.1
300 to 399 miles	22	100.0	20.6	76.0	.2	1.0	-	2.2	-
400 to 499 miles	41	100.0	.2	96.7	.9	1.5	-	.7	-
500 to 599 miles	15	100.0	1.2	94.7	.4	2.0	-	1.7	-
600 to 799 miles	17	100.0	2.5	89.2	.9	3.7	-	3.7	-
800 to 999 miles	18	100.0	.3	84.9	4.4	6.4	-	4.0	-
1,000 to 1,199 miles	6	100.0	.2	87.8	1.4	9.1	-	1.5	-
1,200 to 1,499 miles	6	100.0	.6	92.4	-	5.5	-	1.1	.4
1,500 to 1,999 miles	11	100.0	3.3	70.0	18.6	4.3	-	3.8	-
2,000 miles and over	3	100.0	13.0	56.9	.1	24.9	1.4	2.6	1.1
TON-MILES	(millions of ton-miles)								
Total	149	100.0	2.6	75.0	16.3	4.0	.1	1.9	.1
Under 50 miles	2	100.0	-	30.7	66.5	.1	-	2.4	.3
50 to 99 miles	2	100.0	-	83.7	12.7	-	-	1.8	1.8
100 to 199 miles	30	100.0	-	40.6	59.0	.1	-	.3	-
200 to 299 miles	12	100.0	.1	89.0	8.3	1.8	-	.7	.1
300 to 399 miles	8	100.0	21.0	75.5	.2	1.1	-	2.2	-
400 to 499 miles	18	100.0	.2	96.7	.9	1.5	-	.7	-
500 to 599 miles	8	100.0	1.2	94.6	.4	2.1	-	1.7	-
600 to 799 miles	12	100.0	2.5	89.0	.9	3.8	-	3.8	-
800 to 999 miles	16	100.0	.3	85.5	4.2	6.1	-	3.9	-
1,000 to 1,199 miles	6	100.0	.2	87.6	1.5	9.2	-	1.5	-
1,200 to 1,499 miles	9	100.0	.5	92.3	-	5.7	-	1.1	.4
1,500 to 1,999 miles	19	100.0	3.8	71.0	17.1	4.4	-	3.7	-
2,000 miles and over	7	100.0	13.7	55.1	.1	25.6	1.7	2.6	1.2

[1]Distance of shipments to foreign distinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 195--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Machinery and Parts, Except Electrical

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	454	100.0	1.3	56.4	39.6	2.7
Under 1,000 pounds	89	100.0	.4	68.8	21.4	9.4
Under 50 pounds	7	100.0	.9	38.6	15.7	44.8
50 to 99 pounds	10	100.0	.6	41.7	50.9	6.8
100 to 199 pounds	13	100.0	.2	79.5	8.3	12.0
200 to 499 pounds	29	100.0	.6	84.7	10.1	4.6
500 to 999 pounds	30	100.0	.1	64.4	29.8	5.7
1,000 to 9,999 pounds	133	100.0	.7	64.9	31.7	2.7
1,000 to 1,999 pounds	34	100.0	1.1	63.4	30.0	5.5
2,000 to 2,999 pounds	25	100.0	.2	56.9	42.1	.8
3,000 to 3,999 pounds	16	100.0	.6	48.0	50.2	1.2
4,000 to 4,999 pounds	19	100.0	1.8	46.0	48.0	4.2
5,000 to 9,999 pounds	39	100.0	-	87.7	10.9	1.4
10,000 to 29,999 pounds	60	100.0	.6	67.4	31.1	.9
10,000 to 19,999 pounds	26	100.0	1.4	78.3	20.3	-
20,000 to 29,999 pounds	34	100.0	-	59.0	39.4	1.6
30,000 to 59,999 pounds	138	100.0	-	27.7	72.3	-
30,000 to 39,999 pounds	43	100.0	-	17.5	82.5	-
40,000 to 49,999 pounds	86	100.0	-	25.6	74.4	-
50,000 to 59,999 pounds	9	100.0	-	100.0	-	-
60,000 to 89,999 pounds	7	100.0	-	100.0	-	-
60,000 to 69,999 pounds	4	100.0	-	100.0	-	-
70,000 to 89,999 pounds	3	100.0	-	100.0	-	-
90,000 pounds and over	27	100.0	16.7	83.3	-	-
TON-MILES	(millions of ton-miles)					
Total	143	100.0	2.7	74.2	17.1	6.0
Under 1,000 pounds	38	100.0	.7	79.6	3.2	16.5
Under 50 pounds	3	100.0	1.4	34.3	2.1	62.2
50 to 99 pounds	3	100.0	1.4	70.6	10.7	17.3
100 to 199 pounds	7	100.0	.5	76.3	3.0	20.2
200 to 499 pounds	13	100.0	1.1	88.3	2.4	8.2
500 to 999 pounds	12	100.0	.1	85.0	2.7	12.2
1,000 to 9,999 pounds	53	100.0	2.3	83.3	9.9	4.5
1,000 to 1,999 pounds	14	100.0	1.8	82.7	6.1	9.4
2,000 to 2,999 pounds	7	100.0	.5	90.5	7.6	1.4
3,000 to 3,999 pounds	5	100.0	1.1	91.3	4.1	3.5
4,000 to 4,999 pounds	6	100.0	15.2	60.8	23.7	.3
5,000 to 9,999 pounds	21	100.0	-	85.6	10.8	3.6
10,000 to 29,999 pounds	17	100.0	4.3	77.1	18.4	.2
10,000 to 19,999 pounds	10	100.0	7.1	81.8	11.1	-
20,000 to 29,999 pounds	7	100.0	-	70.2	29.3	.5
30,000 to 59,999 pounds	28	100.0	-	46.2	53.8	-
30,000 to 39,999 pounds	8	100.0	-	35.4	64.6	-
40,000 to 49,999 pounds	17	100.0	-	41.9	58.1	-
50,000 to 59,999 pounds	3	100.0	-	100.0	-	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
60,000 to 69,999 pounds	-	-	-	-	-	-
70,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	6	100.0	25.3	74.7	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 195--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Machinery and Parts, Except Electrical

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	454	100.0	1.3	56.4	39.6	2.7
Under 200 miles	277	100.0	-	36.5	62.1	1.4
Under 1,000 pounds	40	100.0	-	49.8	45.7	4.5
1,000 to 9,999 pounds	61	100.0	-	36.9	60.9	2.2
10,000 to 29,999 pounds	35	100.0	-	49.5	49.0	1.5
30,000 to 59,999 pounds	118	100.0	-	15.6	84.4	-
60,000 to 89,999 pounds	4	100.0	-	100.0	-	-
90,000 pounds and over	19	100.0	-	100.0	-	-
200 to 399 miles	62	100.0	7.3	83.5	6.3	2.9
Under 1,000 pounds	19	100.0	.3	89.5	1.9	8.3
1,000 to 9,999 pounds	22	100.0	-	87.0	11.8	1.2
10,000 to 29,999 pounds	8	100.0	-	87.9	12.1	-
30,000 to 59,999 pounds	2	100.0	-	100.0	-	-
60,000 to 89,999 pounds	3	100.0	-	100.0	-	-
90,000 pounds and over	8	100.0	54.1	45.9	-	-
400 to 599 miles	55	100.0	.5	96.7	.8	2.0
Under 1,000 pounds	9	100.0	1.5	87.1	.4	11.0
1,000 to 9,999 pounds	22	100.0	.5	97.1	1.7	.7
10,000 to 29,999 pounds	10	100.0	-	100.0	-	-
30,000 pounds and over	14	100.0	-	100.0	-	-
600 to 999 miles	35	100.0	1.4	86.8	2.8	9.0
Under 1,000 pounds	10	100.0	.7	78.7	1.4	19.2
1,000 to 9,999 pounds	16	100.0	2.6	86.9	2.6	7.9
10,000 to 29,999 pounds	6	100.0	-	93.6	6.4	-
30,000 pounds and over	3	100.0	-	100.0	-	-
1,000 miles and over	25	100.0	3.2	77.4	8.6	10.8
Under 1,000 pounds	11	100.0	.7	77.5	2.3	19.5
1,000 to 9,999 pounds	13	100.0	2.8	77.8	15.0	4.4
10,000 to 29,999 pounds	-	-	-	-	-	-
30,000 pounds and over	1	100.0	-	100.0	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	143	100.0	2.7	74.2	17.1	6.0
Under 200 miles	32	100.0	-	39.2	60.1	.7
Under 1,000 pounds	3	100.0	-	71.6	23.3	5.1
1,000 to 9,999 pounds	3	100.0	-	66.4	32.4	1.2
10,000 to 29,999 pounds	4	100.0	-	38.7	60.4	.9
30,000 to 59,999 pounds	17	100.0	-	14.2	85.8	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	4	100.0	-	100.0	-	-
200 to 399 miles	18	100.0	9.0	82.4	5.6	3.0
Under 1,000 pounds	5	100.0	.3	89.7	1.7	8.3
1,000 to 9,999 pounds	6	100.0	-	87.4	11.1	1.5
10,000 to 29,999 pounds	2	100.0	-	88.9	11.1	-
30,000 to 59,999 pounds	1	100.0	-	100.0	-	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	3	100.0	60.6	39.4	-	-
400 to 599 miles	26	100.0	.5	96.5	.8	2.2
Under 1,000 pounds	4	100.0	1.6	87.0	.4	11.0
1,000 to 9,999 pounds	11	100.0	.6	97.0	1.7	.7
10,000 to 29,999 pounds	5	100.0	-	100.0	-	-
30,000 pounds and over	6	100.0	-	100.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 195--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Machinery and Parts, Except Electrical

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS-MILES--Continued	(millions of ton-miles)					
600 to 999 miles	28	100.0	1.2	86.9	2.9	9.0
Under 1,000 pounds	8	100.0	.7	78.4	1.4	19.5
1,000 to 9,999 pounds	13	100.0	2.2	87.4	2.5	7.9
10,000 to 29,999 pounds	5	100.0	-	93.2	6.8	-
30,000 pounds and over	2	100.0	-	100.0	-	-
1,000 miles and over	39	100.0	4.5	74.6	8.7	12.2
Under 1,000 pounds	18	100.0	.7	76.4	2.1	20.8
1,000 to 9,999 pounds	19	100.0	4.6	74.3	15.3	5.8
10,000 to 29,999 pounds	1	100.0	100.0	-	-	-
30,000 pounds and over	1	100.0	-	100.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 195--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Machinery and Parts, Except Electrical

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	478	100.0	1.3	58.1	37.8	1.3	-	1.3	0.2
New England	10	100.0	3.8	89.3	5.1	1.6	-	.2	-
Middle Atlantic	51	100.0	-	84.3	11.3	2.5	-	1.8	.1
East North Central	315	100.0	1.5	47.3	49.3	1.1	-	.6	.2
West North Central	34	100.0	.7	76.9	16.8	.9	-	4.6	.1
South Atlantic	30	100.0	.7	59.9	33.0	.8	-	5.6	-
Pacific[1]	25	100.0	1.5	85.4	9.3	2.1	0.2	.8	.7
Balance of United States[2]	13	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	149	100.0	2.6	75.0	16.3	4.0	.1	1.9	.1
New England	5	100.0	21.6	75.1	.4	2.5	-	.4	-
Middle Atlantic	27	100.0	.1	78.6	14.3	5.8	-	1.2	-
East North Central	76	100.0	2.2	69.1	23.8	3.6	-	1.2	.1
West North Central	19	100.0	.8	82.4	8.9	.8	.1	6.8	.2
South Atlantic	6	100.0	3.0	81.3	9.7	2.8	-	3.2	-
Pacific[1]	11	100.0	6.7	80.6	.6	9.9	.9	.5	.8
Balance of United States[2]	5	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 195--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Machinery and Parts, Except Electrical

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	478	478	9	56	311	7	33	10	16	6	30
Ton-miles.....millions..	149	149	3	19	63	4	10	8	16	6	20
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	478	100.0	1.9	11.6	65.0	1.6	6.9	2.1	3.3	1.3	6.3
Shipments from--											
New England.....	10	100.0	38.3	12.1	38.8	.8	1.9	2.3	.9	.3	4.6
Middle Atlantic.....	51	100.0	5.2	29.5	36.9	1.4	7.0	11.2	7.2	.2	1.4
East North Central.....	315	100.0	.5	8.2	81.7	.8	2.9	.8	2.2	1.0	1.9
West North Central.....	34	100.0	.5	5.8	64.0	8.1	5.5	2.9	4.9	2.2	6.1
South Atlantic.....	30	100.0	2.6	35.0	2.4	.5	57.7	.9	.8	-	.1
Pacific[2].....	25	100.0	.8	3.0	1.5	3.6	2.2	1.6	6.7	8.1	72.5
Balance of U.S.[3].....	13	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	149	100.0	2.0	12.8	41.9	2.8	7.1	5.1	10.6	4.4	13.3
Shipments from--											
New England.....	5	100.0	3.0	5.4	52.1	2.0	2.2	4.5	2.8	1.5	26.5
Middle Atlantic.....	27	100.0	3.3	7.8	34.4	2.6	7.0	18.0	19.7	.8	6.4
East North Central.....	76	100.0	1.3	13.9	49.4	1.3	4.0	1.5	8.7	5.8	14.1
West North Central.....	19	100.0	.9	9.9	47.9	4.1	10.3	2.9	5.2	3.8	15.0
South Atlantic.....	6	100.0	4.7	40.3	6.9	2.1	37.7	2.1	4.8	-	1.4
Pacific[2].....	11	100.0	4.6	15.7	5.8	11.7	10.9	6.9	19.0	9.0	16.4
Balance of U.S.[3].....	5	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 195--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Machinery and Parts, Except Electrical

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	478	100.0	1.3	58.1	37.8	1.3	-	1.3	0.2
Middle Atlantic, total	51	100.0	-	84.3	11.3	2.5	-	1.8	.1
Shipments to--									
Middle Atlantic	15	100.0	.1	74.1	20.5	1.8	-	3.3	.2
East North Central, total	315	100.0	1.5	47.3	49.3	1.1	-	.6	.2
Shipments to--									
Middle Atlantic	26	100.0	-	95.3	1.5	2.2	-	1.0	-
East North Central	258	100.0	1.7	37.3	60.3	.2	-	.3	.2
West North Central, total	34	100.0	.7	76.9	16.8	.9	-	4.6	.1
Shipments to--									
East North Central	22	100.0	1.0	72.2	25.1	1.0	-	.7	-
South Atlantic, total	30	100.0	.7	59.9	33.0	.8	-	5.6	-
Shipments to--									
South Atlantic	17	100.0	-	33.0	57.1	.7	-	9.2	-
TON-MILES	(millions of ton-miles)								
U.S. total	149	100.0	2.6	75.0	16.3	4.0	0.1	1.9	.1
Middle Atlantic, total	27	100.0	.1	78.6	14.3	5.8	-	1.2	-
Shipments to--									
Middle Atlantic	2	100.0	.1	68.9	24.8	3.6	-	2.6	-
East North Central, total	76	100.0	2.2	69.1	23.8	3.6	-	1.2	.1
Shipments to--									
Middle Atlantic	11	100.0	-	95.6	.4	2.7	-	1.3	-
East North Central	38	100.0	4.3	47.4	47.7	.2	-	.3	.1
West North Central, total	19	100.0	.8	82.4	8.9	.8	.1	6.8	.2
Shipments to--									
East North Central	9	100.0	1.5	79.3	17.8	.7	-	.7	-
South Atlantic, total	6	100.0	3.0	81.3	9.7	2.8	-	3.2	-
Shipments to--									
South Atlantic	2	100.0	-	66.8	25.4	4.6	-	3.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 195--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Machinery and Parts, Except Electrical

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	478	101	277	100	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	149	25	73	51
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	1.3	.7	1.7	.6	2.6	6.5	2.5	.8
Motor carrier.....	58.1	48.2	51.7	86.5	75.0	68.7	68.2	87.6
Private truck.....	37.8	48.5	44.8	7.5	16.3	17.2	24.8	4.0
Air.....	1.3	.8	.9	2.7	4.0	3.6	4.0	4.2
Water.....	-	-	-	-	.1	.5	-	-
Other.....	1.3	1.6	.9	2.1	1.9	3.1	.5	3.3
Unknown.....	.2	.2	-	.6	.1	.4	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	20.4	66.5	8.5	6.7	2.5	8.2	1.7	.7
100 to 199 miles.....	40.8	6.6	60.8	20.0	20.0	3.9	35.7	5.6
200 to 299 miles.....	9.7	3.2	9.3	17.4	8.0	3.2	9.3	8.6
300 to 399 miles.....	4.6	6.2	3.7	5.4	5.1	8.7	4.9	3.7
400 to 499 miles.....	8.5	2.5	8.5	14.6	12.4	4.5	15.0	12.5
500 to 999 miles.....	10.5	7.3	6.9	23.7	24.3	19.4	19.9	32.8
1,000 miles and over.....	5.5	7.7	2.3	12.2	27.7	52.1	13.5	36.1

Table 8. SHIPPER CLASS 195--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Machinery and Parts, Except Electrical

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	10.6	9.2	16.6	29.0
Highway facilities.....	82.0	80.1	92.0	94.9
Rail and highway facilities.....	6.9	4.8	16.6	29.0
Air facilities.....	96.7	97.6	92.0	89.1
Rail, highway, and air facilities.....	6.9	4.8	16.6	26.1
Water facilities.....	16.6	16.4	19.0	11.6
Rail, highway, air, and water facilities.	4.8	4.8	4.0	8.7

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2 percent reported they did not have any of the above transportation facilities available.

Shipper Group 20

Communications Products and Parts

201 Radio and TV receiving sets (except communications types), phonographs, and phonograph records

202 Communications equipment

203 Electronic components and accessories

SAMPLE SIZE

The sample for this shipper group consisted of 413 establishments, of which 389 were in scope and provided data from 52,444 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (24 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 20 and their related SIC industries are as follows:

Shipper Class 201.--Radio and TV receiving sets (except communications types), phonographs, and phonograph records
- SIC 3651.--Radio and television receiving sets, except communication types
- SIC 3652.--Phonograph records

Shipper Class 202.--Communications equipment
- SIC 3661.--Telephone and telegraph apparatus
- SIC 3662.--Radio and television transmitting, signaling and detection equipment and apparatus

Shipper Class 203.--Electronic components and accessories
- SIC 3671.--Radio and television receiving type electron tubes, except cathode ray
- SIC 3672.--Cathode ray picture tubes
- SIC 3673.--Transmitting, industrial, and special-purpose electron tubes
- SIC 3674.--Semiconductors and related devices
- SIC 3679.--Electronic components and accessories, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
201--Radio and TV receiving sets (except communications types), phonographs, and phonograph records	3651,3652	3651,3652
202--Communications equipment	3661,3662	3661,3662
203--Electronic components and accessories	3671,3674,3679	3671,3672,3673,3674,3679

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 73 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 20	2,514	100.0	72.6	27.4
Class 201	1,288	100.0	82.9	17.1
Class 202	653	100.0	42.3	57.7
Class 203	573	100.0	84.1	15.9

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Communications Products and Parts Shipper Group shipped (beyond the local area) about 2,514,000 tons of commodities during 1967. Those shipments generated nearly 1.6 billion ton-miles by all means of transport combined, averaging about 627 straight-line miles per ton shipped.

As shown in table A, about half of the total tons shipped by this shipper group were by the Radio and TV Receiving Sets Shipper Class. Each of the other two shipper classes generated about one-quarter of the total tons.

Motor carriers (for-hire carriers) were the major means of transport for the shipper group and for each of the shipper classes, ranging from 60 to 65 percent. The railroads' share ranged from about 15 percent in the Electronic Components and Accessories Shipper Class to 26 percent in the Communications Equipment Shipper Class. Private trucks' share and air's share were largest in the Electronic Components and Accessories Shipper Class.

When measured in terms of ton-miles, rather than tons, motor carriers are still the dominant means of transport, ranging from 54 to 57 percent. Rail percentages increased in the shipper group and in each shipper class--most noticeably in the Radio and TV Receiving Sets Shipper Class.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 1 percent of the total intercity shipments by manufacturers in this shipper group.

Table B, presenting the comparison of tons shipped for both years, shows an increase in 1967 for the shipper group and for the Radio and TV Receiving Sets Shipper Class. A slight decrease in tons shipped is shown for the other two shipper classes.

As shown in table C, the distribution between carriers, remained relatively unchanged for the shipper group and for the Communications Equipment Shipper Class. Motor carriers showed the largest increase in the Electronic Components and Accessories Shipper Class with resulting decreases in each of the other means of transport. In the Radio and TV Receiving Sets Shipper Class, the largest shifts are in private truck and other means of transport.

The average length of haul (table D) for the Electronic Components and Accessories Shipper Class showed little change; likewise, little change is shown for motor carriers for the shipper group and each of the shipper classes. The average length of haul by rail decreased in 1967 for the Radio and TV Receiving Sets Shipper Class and increased for the Communications Equipment Shipper Class. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 20: Communications Products and Parts	2,514	533	1,603	236	142
Shipper Classes:					
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records	1,288	278	833	137	40
202. Communications equipment	653	171	427	8	47
203. Electronic components and accessories	573	83	343	91	56
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 20: Communications Products and Parts	1,577	486	877	57	157
Shipper Classes:					
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records	782	279	423	31	49
202. Communications equipment	499	157	285	3	54
203. Electronic components and accessories	296	49	169	23	55

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 20: Communications Products and Parts	2,514	2,359	2,391
Shipper Classes:			
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records	1,288	933	943
202. Communications equipment	653	783	793
203. Electronic components and accessories	573	643	655

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 20: Communications Products and Parts:					
1967	100.0	21.2	63.8	9.4	5.6
1963	100.0	22.2	56.2	9.0	12.6
Shipper Classes					
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records:					
1967	100.0	21.6	64.7	10.6	3.1
1963	100.0	18.4	60.5	5.6	15.5
202. Communications equipment:					
1967	100.0	26.2	65.4	1.2	7.2
1963	100.0	30.0	60.5	1.7	7.8
203. Electronic components and accessories:					
1967	100.0	14.6	59.8	15.9	9.7
1963	100.0	18.2	44.9	22.6	14.3
TON-MILES					
Shipper Group 20: Communications Products and Parts:					
1967	100.0	30.8	55.6	3.6	10.0
1963	100.0	28.1	49.5	3.9	18.5
Shipper Classes					
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records:					
1967	100.0	35.7	54.1	4.0	6.2
1963	100.0	30.0	44.3	4.3	21.4
202. Communications equipment:					
1967	100.0	31.5	57.2	.6	10.7
1963	100.0	28.5	57.7	.5	13.3
203. Electronic components and accessories:					
1967	100.0	16.7	56.9	7.8	18.6
1963	100.0	23.1	44.7	10.1	22.1

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 20: Communications Products and Parts:				
1967	627	912	547	242
1963	643	815	566	279
SHIPPER CLASSES				
201. Radio and TV receiving sets (except communications types), phonographs, and phonograph records:				
1967	607	1,004	508	226
1963	688	1,121	504	528
202. Communications equipment:				
1967	763	918	667	375
1963	743	706	708	231
203. Electronic components and accessories:				
1967	517	590	493	253
1963	456	580	456	203

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 20: Communications Products and Parts

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	21.5	63.9	9.0	5.6
1963	100.0	24.6	56.0	7.9	11.5
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	6.6	69.3	21.5	2.6
1963	100.0	11.3	62.7	20.1	5.9
200 to 399 miles:					
1967	100.0	9.2	80.5	7.2	3.1
1963	100.0	6.1	82.4	5.3	6.2
400 miles and over:					
1967	100.0	32.2	56.4	3.6	7.8
1963	100.0	35.7	46.3	2.6	15.4
WEIGHT					
Under 1,000 pounds:					
1967	100.0	3.7	73.6	4.9	17.8
1963	100.0	2.1	75.2	4.4	18.3
1,000 to 9,999 pounds:					
1967	100.0	5.1	79.8	10.0	5.1
1963	100.0	3.1	77.1	7.3	12.5
10,000 pounds and over:					
1967	100.0	37.4	51.1	9.8	1.7
1963	100.0	41.1	40.7	9.0	9.2

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 20: Communications Products and Parts

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total tons:					
1967	100.0	21.2	63.8	9.4	5.6
1963	100.0	22.2	56.2	9.0	12.6
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	2.1	91.8	1.3	4.8
20 to 99 employees:					
1967	100.0	1.0	88.9	4.5	5.6
1963	100.0	2.0	89.7	2.5	5.8
100 to 499 employees:					
1967	100.0	.6	69.4	22.8	7.2
1963	100.0	3.0	79.5	5.1	12.4
500 employees and over:					
1967	100.0	26.8	59.7	8.1	5.4
1963	100.0	29.4	46.5	10.7	13.4

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 20: Communications Products and Parts

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	21.2	63.8	9.4	5.6
1963	100.0	22.2	56.2	9.0	12.6
Middle Atlantic:					
1967	100.0	24.0	61.0	8.3	6.7
1963	100.0	21.5	59.7	8.4	10.4
East North Central:					
1967	100.0	20.7	62.7	13.3	3.3
1963	100.0	28.5	48.5	8.9	14.1
West North Central:					
1967	100.0	45.0	51.4	.2	3.4
1963	100.0	16.9	80.0	.1	3.0
East South Central:					
1967	100.0	17.3	71.5	6.0	5.2
1963	100.0	17.4	28.5	46.7	7.4
Mountain and Pacific:					
1967	100.0	2.5	75.2	3.3	19.0
1963	100.0	3.0	76.4	7.0	13.6

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 20: COMMUNICATIONS PRODUCTS AND PARTS		
Total shipments	2,514	6.4
Shipments by--		
Rail	533	9.4
Motor carrier	1,603	8.8
Private truck	236	20.8
All other	142	-
Shipments from--		
New England Division	77	6.6
Middle Atlantic Division	832	11.2
East North Central Division	997	11.6
West North Central Division	184	20.6
South Atlantic Division	52	15.4
East South Central Division	160	32.6
West South Central Division	80	13.8
Mountain Division	8	81.0
Pacific Division	124	27.2
SHIPPER CLASS 201: RADIO AND TV RECEIVING SETS (EXCEPT COMMUNICATIONS TYPES), PHONOGRAPHS, AND PHONOGRAPH RECORDS		
Total shipments	1,288	10.2
Shipments by--		
Rail	278	12.4
Motor carrier	833	11.4
Private truck	137	32.2
All other	40	-
Shipments from--		
New England Division	19	21.0
Middle Atlantic Division	452	16.2
East North Central Division	644	17.8
West North Central Division	15	43.4
East South Central Division	89	14.6
Pacific Division	37	17.6
Balance of United States	32	-
SHIPPER CLASS 202: COMMUNICATIONS EQUIPMENT		
Total shipments	653	6.2
Shipments by--		
Rail	171	21.4
Motor carrier	427	9.0
Private truck	8	16.0
All other	47	-
Shipments from--		
New England Division	22	16.4
Middle Atlantic Division	224	17.6
East North Central Division	127	12.2
South Atlantic Division	22	17.4
Pacific Division	40	55.2
Balance of United States	218	-
SHIPPER CLASS 203: ELECTRONIC COMPONENTS AND ACCESSORIES		
Total shipments	573	13.2
Shipments by--		
Rail	83	19.6
Motor carrier	343	16.2
Private truck	91	13.2
All other	56	-
Shipments from--		
New England Division	35	8.4
Middle Atlantic Division	157	19.6
East North Central Division	226	11.0
West North Central Division	30	65.0
South Atlantic Division	23	32.6
Pacific Division	46	56.8
Balance of United States	56	-

TABLE 1. SHIPPER GROUP 20--Percent Distribution of Distance, by Means of Transport: 1967

Communications Products and Parts

Distance shipped [1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	2,514	100.0	21.2	63.8	9.4	2.6	0.3	2.6	0.1
Under 50 miles	178	100.0	1.9	51.8	42.3	1.9	.6	1.5	-
50 to 99 miles	201	100.0	1.5	77.5	18.9	1.2	-	.8	.1
100 to 199 miles	308	100.0	12.3	71.8	13.8	.4	.1	1.6	-
200 to 299 miles	255	100.0	3.6	88.7	4.5	1.3	-	1.9	-
300 to 399 miles	160	100.0	17.9	67.3	11.7	1.2	-	1.9	-
400 to 499 miles	180	100.0	21.7	66.2	8.1	2.5	-	1.5	-
500 to 599 miles	192	100.0	33.6	56.2	3.2	3.1	-	3.9	-
600 to 799 miles	405	100.0	25.9	64.6	4.2	2.3	-	2.6	.4
800 to 999 miles	146	100.0	34.3	56.7	2.5	3.4	-	3.0	.1
1,000 to 1,199 miles	114	100.0	45.0	47.9	.8	2.9	-	3.4	-
1,200 to 1,499 miles	119	100.0	42.9	46.4	3.8	4.4	-	2.5	-
1,500 to 1,999 miles	141	100.0	31.5	54.9	1.2	4.4	3.8	4.2	-
2,000 miles and over	115	100.0	39.2	36.9	.9	12.8	1.3	8.9	-
TON-MILES	(millions of ton-miles)								
Total	1,577	100.0	30.8	55.6	3.6	4.9	.9	4.1	.1
Under 50 miles	5	100.0	1.5	55.3	39.8	1.9	.3	1.2	-
50 to 99 miles	15	100.0	1.4	77.1	19.3	1.2	-	.9	.1
100 to 199 miles	49	100.0	12.4	73.7	11.8	.4	.1	1.6	-
200 to 299 miles	61	100.0	3.6	88.4	4.7	1.4	-	1.9	-
300 to 399 miles	56	100.0	18.6	66.6	11.8	1.1	-	1.9	-
400 to 499 miles	81	100.0	21.2	66.7	8.1	2.5	-	1.5	-
500 to 599 miles	105	100.0	33.5	56.1	3.4	3.2	-	3.8	-
600 to 799 miles	275	100.0	25.0	65.3	4.2	2.3	-	2.7	.5
800 to 999 miles	127	100.0	33.4	57.3	2.5	3.6	-	3.1	.1
1,000 to 1,199 miles	125	100.0	45.7	47.3	.8	2.9	-	3.3	-
1,200 to 1,499 miles	160	100.0	43.1	46.3	3.7	4.4	-	2.5	-
1,500 to 1,999 miles	249	100.0	31.3	55.0	1.2	4.4	3.9	4.2	-
2,000 miles and over	269	100.0	36.9	37.2	.9	13.8	1.7	9.5	-

[1] Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 20--Percent Distribution of Weight, by Means of Transport: 1967

Communications Products and Parts

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	2,479	100.0	21.5	63.9	9.0	2.6	3.0
Under 1,000 pounds	435	100.0	3.7	73.6	4.9	10.8	7.0
Under 50 pounds	38	100.0	4.4	32.6	2.5	24.6	35.9
50 to 99 pounds	38	100.0	4.2	66.2	3.0	14.7	11.9
100 to 199 pounds	65	100.0	3.9	76.0	3.8	11.2	5.1
200 to 499 pounds	143	100.0	3.5	79.3	4.5	9.1	3.6
500 to 999 pounds	151	100.0	3.5	79.2	7.0	7.8	2.5
1,000 to 9,999 pounds	766	100.0	5.1	79.8	10.0	2.3	2.8
1,000 to 1,999 pounds	213	100.0	3.1	83.2	7.6	3.1	3.0
2,000 to 2,999 pounds	130	100.0	4.2	78.6	10.2	4.1	2.9
3,000 to 3,999 pounds	104	100.0	3.8	90.0	2.0	2.2	2.0
4,000 to 4,999 pounds	74	100.0	8.1	83.1	3.7	1.9	3.2
5,000 to 9,999 pounds	245	100.0	6.9	72.4	17.2	.7	2.8
10,000 to 29,999 pounds	765	100.0	29.4	54.9	14.3	.1	1.3
10,000 to 19,999 pounds	486	100.0	26.9	56.6	14.9	.1	1.5
20,000 to 29,999 pounds	279	100.0	33.8	52.0	13.3	-	.9
30,000 to 59,999 pounds	357	100.0	37.7	58.6	2.2	-	1.5
30,000 to 39,999 pounds	209	100.0	42.3	53.1	2.2	-	2.4
40,000 to 49,999 pounds	85	100.0	49.0	46.8	4.1	.1	-
50,000 to 59,999 pounds	63	100.0	7.0	93.0	-	-	-
60,000 to 89,999 pounds	41	100.0	42.5	55.5	-	-	2.0
60,000 to 69,999 pounds	6	100.0	5.8	94.2	-	-	-
70,000 to 79,999 pounds	14	100.0	-	94.2	-	-	5.8
80,000 to 89,999 pounds	21	100.0	80.0	20.0	-	-	-
90,000 pounds and over	115	100.0	87.0	-	6.9	-	6.1
TON-MILES	(millions of ton-miles)						
Total	1,562	100.0	31.1	55.4	3.6	4.8	5.1
Under 1,000 pounds	288	100.0	6.9	64.3	2.3	17.1	9.4
Under 50 pounds	30	100.0	5.5	25.0	1.0	36.0	32.5
50 to 99 pounds	29	100.0	5.0	60.5	1.4	20.1	13.0
100 to 199 pounds	43	100.0	7.2	65.8	2.0	17.5	7.5
200 to 499 pounds	94	100.0	6.6	71.4	2.4	14.1	5.5
500 to 999 pounds	92	100.0	8.1	70.2	3.1	13.1	5.5
1,000 to 9,999 pounds	455	100.0	10.2	73.1	5.4	5.3	6.0
1,000 to 1,999 pounds	130	100.0	7.0	72.4	5.9	7.5	7.2
2,000 to 2,999 pounds	78	100.0	8.0	69.0	6.6	10.3	6.1
3,000 to 3,999 pounds	66	100.0	7.3	85.6	.9	2.6	3.6
4,000 to 4,999 pounds	47	100.0	12.6	76.2	2.5	3.6	5.1
5,000 to 9,999 pounds	134	100.0	15.1	68.9	7.4	2.2	6.4
10,000 to 29,999 pounds	483	100.0	43.1	49.4	4.9	.2	2.4
10,000 to 19,999 pounds	280	100.0	37.3	54.1	5.6	.4	2.6
20,000 to 29,999 pounds	203	100.0	51.0	43.3	3.8	-	1.9
30,000 to 59,999 pounds	209	100.0	53.4	42.7	.8	-	3.1
30,000 to 39,999 pounds	135	100.0	50.8	43.6	.7	-	4.9
40,000 to 49,999 pounds	57	100.0	70.5	28.3	1.1	.1	-
50,000 to 59,999 pounds	17	100.0	17.7	82.3	-	-	-
60,000 to 89,999 pounds	46	100.0	52.8	43.9	-	-	3.3
60,000 to 69,999 pounds	8	100.0	3.2	96.8	-	-	-
70,000 to 79,999 pounds	7	100.0	-	77.3	-	-	22.7
80,000 to 89,999 pounds	31	100.0	76.5	23.5	-	-	-
90,000 pounds and over	81	100.0	92.8	-	.3	-	6.9

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 20--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Communications Products and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	2,479	100.0	21.5	63.9	9.0	2.6	3.0
Under 200 miles	669	100.0	6.6	69.3	21.5	1.0	1.6
Under 1,000 pounds	110	100.0	.4	78.2	11.4	3.8	6.2
1,000 to 9,999 pounds	231	100.0	.2	78.3	19.2	1.2	1.1
10,000 to 29,999 pounds	190	100.0	10.5	50.3	38.6	-	.6
30,000 to 59,999 pounds	123	100.0	19.1	76.6	4.3	-	-
60,000 to 89,999 pounds	7	100.0	-	100.0	-	-	-
90,000 pounds and over	8	100.0	-	-	100.0	-	-
200 to 399 miles	413	100.0	9.2	80.5	7.2	1.2	1.9
Under 1,000 pounds	84	100.0	1.4	83.5	4.1	5.6	5.4
1,000 to 9,999 pounds	145	100.0	2.7	87.3	8.5	.3	1.2
10,000 to 29,999 pounds	130	100.0	6.4	83.6	9.0	-	1.0
30,000 to 59,999 pounds	34	100.0	14.8	78.2	7.0	-	-
60,000 pounds and over	20	100.0	100.0	-	-	-	-
400 to 599 miles	370	100.0	28.0	60.9	5.6	2.8	2.7
Under 1,000 pounds	66	100.0	3.7	77.2	2.4	11.6	5.1
1,000 to 9,999 pounds	94	100.0	3.0	89.7	3.6	2.7	1.0
10,000 to 29,999 pounds	130	100.0	35.0	52.9	12.1	-	-
30,000 to 59,999 pounds	67	100.0	67.5	32.5	-	-	-
60,000 pounds and over	13	100.0	57.5	-	-	-	42.5
600 to 999 miles	540	100.0	28.7	61.7	3.9	2.6	3.1
Under 1,000 pounds	84	100.0	4.0	72.3	3.2	13.8	6.7
1,000 to 9,999 pounds	165	100.0	6.9	81.5	7.2	1.5	2.9
10,000 to 29,999 pounds	164	100.0	43.8	50.6	3.9	-	1.7
30,000 to 59,999 pounds	72	100.0	29.8	65.3	-	-	4.9
60,000 to 89,999 pounds	9	100.0	3.5	96.5	-	-	-
90,000 pounds and over	46	100.0	100.0	-	-	-	-
1,000 miles and over	487	100.0	39.4	47.0	1.7	5.8	6.1
Under 1,000 pounds	92	100.0	9.5	57.8	1.4	20.4	10.9
1,000 to 9,999 pounds	131	100.0	15.7	65.1	3.4	7.0	8.8
10,000 to 29,999 pounds	150	100.0	52.7	42.6	1.4	.3	3.0
30,000 to 59,999 pounds	60	100.0	65.5	31.2	.6	.1	2.6
60,000 to 89,999 pounds	26	100.0	66.7	30.1	-	-	3.2
90,000 pounds and over	28	100.0	94.9	-	-	-	5.1
TON-MILES	(millions of ton-miles)						
Total[1]	1,562	100.0	31.1	55.4	3.6	4.8	5.1
Under 200 miles	68	100.0	9.4	73.2	15.2	.7	1.5
Under 1,000 pounds	10	100.0	.5	81.7	8.0	3.3	6.5
1,000 to 9,999 pounds	24	100.0	.1	81.1	17.8	.4	.6
10,000 to 29,999 pounds	17	100.0	16.5	54.6	27.8	-	1.1
30,000 to 59,999 pounds	16	100.0	21.5	77.1	1.4	-	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-	-
200 to 399 miles	116	100.0	10.8	78.1	8.0	1.2	1.9
Under 1,000 pounds	24	100.0	1.6	82.5	5.1	5.5	5.3
1,000 to 9,999 pounds	41	100.0	2.9	86.1	9.5	.3	1.2
10,000 to 29,999 pounds	36	100.0	7.9	80.9	10.0	-	1.2
30,000 to 59,999 pounds	9	100.0	20.1	73.2	6.7	-	-
60,000 pounds and over	6	100.0	100.0	-	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 20--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Communications Products and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TON-MILES--Continued	(millions of ton-miles)						
400 to 599 miles	185	100.0	28.2	60.8	5.4	2.8	2.8
Under 1,000 pounds	33	100.0	3.6	77.1	2.3	11.9	5.1
1,000 to 9,999 pounds	47	100.0	3.2	89.3	3.7	2.8	1.0
10,000 to 29,999 pounds	65	100.0	36.0	52.5	11.5	-	-
30,000 to 59,999 pounds	33	100.0	68.0	32.0	-	-	-
60,000 pounds and over	7	100.0	54.6	-	-	-	45.4
600 to 999 miles	394	100.0	28.2	62.1	3.8	2.7	3.2
Under 1,000 pounds	63	100.0	4.2	71.5	3.2	14.1	7.0
1,000 to 9,999 pounds	122	100.0	7.0	81.7	7.0	1.4	2.9
10,000 to 29,999 pounds	124	100.0	45.0	49.9	3.4	-	1.7
30,000 to 59,999 pounds	51	100.0	30.9	64.0	-	-	5.1
60,000 to 89,999 pounds	6	100.0	4.3	95.7	-	-	-
90,000 pounds and over	28	100.0	100.0	-	-	-	-
1,000 miles and over	799	100.0	38.0	46.1	1.5	7.1	7.3
Under 1,000 pounds	157	100.0	10.0	54.7	1.2	22.1	12.0
1,000 to 9,999 pounds	221	100.0	15.9	61.6	2.8	9.4	10.3
10,000 to 29,999 pounds	241	100.0	51.1	43.3	1.4	.5	3.7
30,000 to 59,999 pounds	101	100.0	67.9	27.2	.8	.1	4.0
60,000 to 89,999 pounds	40	100.0	60.7	35.5	-	-	3.8
90,000 pounds and over	39	100.0	93.4	-	-	-	6.6

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 20--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Communications Products and Parts

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	2,514	100.0	21.2	63.8	9.4	2.6	0.3	2.6	0.1
New England	77	100.0	8.1	80.4	4.2	4.1	-	3.2	-
Middle Atlantic	832	100.0	24.0	61.0	8.3	2.3	.1	4.3	-
East North Central	997	100.0	20.7	62.7	13.3	1.4	.5	1.2	.2
West North Central	184	100.0	45.0	51.4	.2	2.2	.1	1.1	-
South Atlantic	52	100.0	7.4	82.7	1.3	5.5	-	3.0	.1
East South Central	160	100.0	17.3	71.5	6.0	3.7	-	1.5	-
West South Central	80	100.0	4.0	71.6	19.7	3.6	-	1.1	-
Mountain[1]	8	-	-	-	-	-	-	-	-
Pacific[2]	124	100.0	2.5	74.1	3.5	11.2	1.8	6.9	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,577	100.0	30.8	55.6	3.6	4.9	.9	4.1	.1
New England	50	100.0	15.3	71.7	2.6	6.3	-	4.1	-
Middle Atlantic	467	100.0	39.3	46.2	2.5	5.0	.2	6.8	-
East North Central	564	100.0	33.3	56.3	4.8	2.2	1.7	1.5	.2
West North Central	137	100.0	52.8	42.7	.2	2.8	.3	1.1	.1
South Atlantic	39	100.0	6.9	79.6	.6	8.7	-	4.1	.1
East South Central	102	100.0	24.4	67.5	3.5	3.4	-	1.2	-
West South Central	72	100.0	2.2	78.0	14.5	4.3	-	1.0	-
Mountain[1]	12	-	-	-	-	-	-	-	-
Pacific[2]	134	100.0	3.6	62.2	1.9	17.7	2.2	12.4	-

[1]Not distributed.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 20--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Communications Products and Parts

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	2,514	2,514	147	532	684	179	287	145	207	66	267
Ton-miles.....millions..	1,577	1,577	90	218	229	119	166	77	177	90	411
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	2,514	100.0	5.8	21.1	27.4	7.1	11.4	5.8	8.2	2.6	10.6
Shipments from--											
New England.....	77	100.0	14.3	35.2	19.6	4.0	8.7	5.0	3.1	3.1	7.0
Middle Atlantic.....	832	100.0	7.2	31.8	23.1	6.6	15.1	2.8	5.0	2.9	5.5
East North Central.....	997	100.0	4.0	15.0	35.6	8.8	10.3	6.7	8.3	1.9	9.4
West North Central.....	184	100.0	3.4	7.8	21.6	5.3	6.8	14.8	20.7	2.4	17.2
South Atlantic.....	52	100.0	5.3	21.9	21.0	10.6	15.9	7.0	3.8	3.8	10.7
East South Central.....	160	100.0	8.3	22.3	26.3	5.6	11.2	5.7	10.4	2.7	7.5
West South Central.....	80	100.0	11.4	10.0	23.4	4.7	8.3	8.8	13.2	3.3	16.9
Mountain[2].....	8	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	124	100.0	4.0	11.8	9.5	4.0	5.8	2.9	10.0	6.6	45.4
TON-MILES	(millions)										
U.S. total.....	1,577	100.0	5.7	13.8	14.5	7.5	10.5	4.9	11.2	5.7	26.2
Shipments from--											
New England.....	50	100.0	1.8	9.6	21.4	6.9	8.6	7.5	7.4	9.0	27.8
Middle Atlantic.....	467	100.0	2.6	5.9	20.1	11.9	11.5	3.8	11.3	9.0	23.9
East North Central.....	564	100.0	5.5	15.4	9.7	6.5	11.5	4.7	11.8	4.3	30.6
West North Central.....	137	100.0	5.4	10.7	10.1	1.7	9.2	11.9	16.5	2.5	32.0
South Atlantic.....	39	100.0	4.6	14.9	15.2	11.5	5.9	2.9	4.9	8.4	31.7
East South Central.....	102	100.0	10.5	23.1	13.7	6.1	5.8	1.7	10.9	5.9	22.3
West South Central.....	72	100.0	18.2	14.0	20.0	2.8	7.6	4.7	3.6	2.8	26.3
Mountain[2].....	12	-	-	-	-	-	-	-	-	-	-
Pacific[3].....	134	100.0	9.6	26.3	16.1	5.6	12.2	5.0	11.9	3.5	9.8

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.
[3]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6 SHIPPER GROUP 20--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Communications Products and Parts

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	2,514	100.0	21.2	63.8	9.4	2.6	0.3	2.6	0.1
New England, total	77	100.0	8.1	80.4	4.2	4.1	-	3.2	-
Shipments to--									
New England	11	100.0	.3	81.6	15.2	.6	-	2.2	.1
Middle Atlantic	27	100.0	2.5	91.0	1.9	2.3	-	2.3	-
East North Central	15	100.0	11.1	76.9	4.8	4.5	-	2.7	-
West North Central	3	100.0	32.7	48.0	2.1	9.4	-	7.8	-
South Atlantic	7	100.0	3.1	88.4	.2	4.6	-	3.7	-
East South Central	4	100.0	11.9	74.0	1.6	10.5	-	1.9	.1
West South Central	2	100.0	36.1	50.7	-	7.7	-	5.5	-
Mountain	2	100.0	18.5	60.1	-	7.8	-	13.6	-
Pacific	6	100.0	15.4	70.5	3.6	8.0	-	2.5	-
Middle Atlantic, total	832	100.0	24.0	61.0	8.3	2.3	.1	4.3	-
Shipments to--									
New England	60	100.0	20.0	71.9	6.0	.9	-	1.2	-
Middle Atlantic	265	100.0	7.5	70.5	19.4	.8	.1	1.7	-
East North Central	192	100.0	29.5	60.9	3.2	2.8	-	3.6	-
West North Central	55	100.0	66.6	23.5	1.4	1.4	-	7.1	-
South Atlantic	125	100.0	10.6	76.4	3.7	2.1	.1	7.1	-
East South Central	23	100.0	23.8	62.9	5.2	.9	-	7.2	-
West South Central	42	100.0	46.4	41.7	1.4	3.2	-	7.3	-
Mountain	24	100.0	71.4	20.0	.5	.6	-	7.5	-
Pacific	46	100.0	42.2	34.3	.8	12.9	.5	9.3	-
East North Central, total	997	100.0	20.7	62.7	13.3	1.4	.5	1.2	.2
Shipments to--									
New England	40	100.0	31.6	61.6	.5	4.7	-	1.6	-
Middle Atlantic	150	100.0	29.2	56.7	11.6	1.3	-	1.2	-
East North Central	354	100.0	2.5	67.8	28.0	.7	-	1.0	-
West North Central	88	100.0	14.8	82.7	1.1	.7	-	.7	-
South Atlantic	102	100.0	26.4	69.7	-	2.4	-	1.5	-
East South Central	67	100.0	24.9	52.5	21.8	.4	-	.4	-
West South Central	83	100.0	42.1	53.3	-	1.4	-	1.1	2.1
Mountain	19	100.0	38.9	53.6	-	6.5	-	.8	.2
Pacific	94	100.0	44.7	43.9	1.0	2.6	5.7	2.1	-
West North Central, total	184	100.0	45.0	51.4	.2	2.2	.1	1.1	-
Shipments to--									
Middle Atlantic	14	100.0	1.1	88.4	2.3	5.9	-	1.8	.5
East North Central	40	100.0	.9	96.3	-	1.1	-	1.7	-
West North Central	10	100.0	1.3	94.5	.1	1.9	-	2.2	-
South Atlantic	13	100.0	38.3	52.3	-	7.7	-	1.7	-
West South Central	38	100.0	69.9	28.5	.1	1.0	-	.5	-
Pacific	32	100.0	82.5	13.9	-	2.4	.4	.8	-
East South Central, total	160	100.0	17.3	71.5	6.0	3.7	-	1.5	-
Shipments to--									
Middle Atlantic	36	100.0	6.6	81.7	2.9	8.4	-	.4	-
East North Central	42	100.0	8.9	71.2	14.8	2.4	-	2.7	-
South Atlantic	18	100.0	33.2	63.2	1.4	.4	-	1.8	-
Pacific, total	124	100.0	2.5	74.1	3.5	11.2	1.8	6.9	-
Shipments to--									
New England	5	100.0	.3	18.8	-	37.5	-	43.4	-
Middle Atlantic	15	100.0	.1	65.3	-	23.2	-	11.3	.1
East North Central	12	100.0	9.3	68.2	1.5	14.4	-	6.6	-
West North Central	5	100.0	.1	76.7	.4	10.9	-	11.9	-
South Atlantic	7	100.0	3.8	53.8	4.8	17.1	-	20.5	-
West South Central	12	100.0	13.5	61.7	7.6	11.6	-	5.6	-
Mountain	8	100.0	.2	89.9	.4	6.8	-	2.7	-
Pacific	56	100.0	-	84.2	5.0	5.3	3.9	1.6	-

See footnote at end of table.

TABLE 6 SHIPPER GROUP 20--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Communications Products and Parts

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS-MILES	(millions of ton-miles)								
U.S. total	1,577	100.0	30.8	55.6	3.6	4.9	0.9	4.1	0.1
New England, total	50	100.0	15.3	71.7	2.6	6.3	-	4.1	-
Shipments to--									
New England	1	100.0	.2	91.5	5.9	.5	-	1.9	-
Middle Atlantic	5	100.0	2.7	92.6	.7	1.7	-	2.3	-
East North Central	11	100.0	12.3	74.8	5.5	4.5	-	2.9	-
West North Central	3	100.0	33.8	47.9	1.9	8.8	-	7.6	-
South Atlantic	4	100.0	4.9	87.7	.1	4.5	-	2.8	-
East South Central	4	100.0	13.0	73.9	1.6	9.7	-	1.7	.1
West South Central	4	100.0	37.6	49.0	-	7.6	-	5.8	-
Mountain	4	100.0	18.3	61.1	-	7.4	-	13.2	-
Pacific	14	100.0	15.2	70.7	3.5	8.1	-	2.5	-
Middle Atlantic, total	467	100.0	39.3	46.2	2.5	5.0	.2	6.8	-
Shipments to--									
New England	12	100.0	16.0	74.8	7.3	.6	-	1.3	-
Middle Atlantic	27	100.0	9.3	78.8	8.4	1.0	.1	2.4	-
East North Central	94	100.0	26.2	63.4	3.3	3.3	-	3.8	-
West North Central	56	100.0	70.1	21.2	1.5	1.3	-	5.9	-
South Atlantic	53	100.0	18.9	64.7	3.7	3.4	.1	9.2	-
East South Central	18	100.0	23.3	65.0	4.6	.9	-	6.2	-
West South Central	53	100.0	48.3	39.5	1.4	3.5	-	7.3	-
Mountain	42	100.0	71.2	20.1	.4	.6	-	7.7	-
Pacific	112	100.0	41.1	33.7	.8	13.5	.9	10.0	-
East North Central, total	564	100.0	33.3	56.3	4.8	2.2	1.7	1.5	.2
Shipments to--									
New England	31	100.0	32.7	61.5	.5	3.6	-	1.7	-
Middle Atlantic	87	100.0	29.4	59.2	8.9	1.3	-	1.2	-
East North Central	55	100.0	3.1	75.0	20.3	.6	-	1.0	-
West North Central	37	100.0	19.1	78.3	1.0	.8	-	.8	-
South Atlantic	65	100.0	29.3	66.6	-	2.4	-	1.7	-
East South Central	26	100.0	28.2	47.7	23.4	.4	-	.3	-
West South Central	66	100.0	42.1	53.1	-	1.4	-	1.4	2.0
Mountain	24	100.0	39.1	52.4	-	7.5	-	.8	.2
Pacific	173	100.0	45.8	42.6	1.0	2.8	5.7	2.1	-
West North Central, total	137	100.0	52.8	42.7	.2	2.8	.3	1.1	.1
Shipments to--									
Middle Atlantic	15	100.0	1.1	89.3	1.7	5.6	-	1.8	.5
East North Central	14	100.0	1.3	95.0	-	1.6	-	2.1	-
West North Central	2	100.0	1.1	93.7	-	2.4	-	2.8	-
South Atlantic	13	100.0	41.4	48.7	-	8.3	-	1.6	-
West South Central	23	100.0	71.1	27.0	.1	1.2	-	.6	-
Pacific	44	100.0	81.5	14.2	-	2.4	1.0	.9	-
East South Central, total	102	100.0	24.4	67.5	3.5	3.4	-	1.2	-
Shipments to--									
Middle Atlantic	23	100.0	7.4	81.4	3.1	7.7	-	.4	-
East North Central	14	100.0	8.9	76.8	10.7	1.7	-	1.9	-
South Atlantic	6	100.0	43.4	50.9	2.6	.7	-	2.4	-
Pacific, total	134	100.0	3.6	62.2	1.9	17.7	2.2	12.4	-
Shipments to--									
New England	13	100.0	.3	19.0	-	38.5	-	42.2	-
Middle Atlantic	35	100.0	.1	64.5	-	23.9	-	11.4	.1
East North Central	21	100.0	9.4	67.0	1.7	15.1	-	6.8	-
West North Central	8	100.0	-	77.0	.4	10.8	-	11.8	-
South Atlantic	16	100.0	3.9	54.0	4.7	17.3	-	20.1	-
West South Central	16	100.0	13.1	62.3	7.3	11.6	-	5.7	-
Mountain	5	100.0	.3	87.3	.4	8.4	-	3.6	-
Pacific	13	100.0	.2	67.4	1.4	6.7	22.7	1.6	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 20--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Communications Products and Parts

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	2,514	264	279	1,971	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,577	129	150	1,298
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	21.2	1.0	.6	26.8	30.8	2.6	1.5	37.0
Motor carrier.....	63.8	88.9	69.4	59.7	55.6	88.6	79.8	49.6
Private truck.....	9.4	4.5	22.8	8.1	3.6	1.4	5.8	3.6
Air.....	2.6	2.9	4.7	2.3	4.9	4.1	8.4	4.5
Water.....	.3	.2	-	.4	.9	.9	.3	1.0
Other.....	2.6	2.5	2.5	2.6	4.1	2.4	4.2	4.2
Unknown.....	.1	-	-	.1	.1	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	15.1	31.6	25.2	11.5	1.2	4.4	2.1	.8
100 to 199 miles.....	12.2	8.0	16.0	12.3	3.1	2.5	4.2	3.1
200 to 299 miles.....	10.1	8.4	11.4	10.2	3.9	4.1	4.6	3.8
300 to 399 miles.....	6.4	5.6	7.7	6.3	3.5	3.8	4.9	3.3
400 to 499 miles.....	7.2	10.6	2.6	7.3	5.1	9.9	2.1	5.0
500 to 999 miles.....	29.5	26.2	18.3	31.5	32.2	36.4	23.5	32.7
1,000 miles and over.....	19.5	9.6	18.8	20.9	51.0	38.9	58.6	51.3

Table 8. SHIPPER GROUP 20--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Communications Products and Parts

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	18.7	18.7	6.7	35.7
Highway facilities.....	89.3	88.4	95.6	83.3
Rail and highway facilities.....	11.1	9.5	5.0	25.2
Air facilities.....	87.2	88.7	88.5	80.5
Rail, highway, and air facilities.....	9.5	8.2	5.0	20.4
Water facilities.....	8.0	5.8	11.5	10.1
Rail, highway, air, and water facilities.	1.5	1.2	.8	3.5

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 16 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 201--Percent Distribution of Distance, by Means of Transport: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	1,288	100.0	21.6	64.7	10.6	0.8	0.1	2.2	-
Under 50 miles	114	100.0	3.0	49.8	46.7	-	-	.5	-
50 to 99 miles	102	100.0	.3	83.2	15.5	.3	-	.6	0.1
100 to 199 miles	111	100.0	1.6	76.4	20.0	.7	-	1.3	-
200 to 299 miles	156	100.0	3.2	89.8	5.4	.6	-	1.0	-
300 to 399 miles	107	100.0	26.3	56.8	15.1	.5	-	1.3	-
400 to 499 miles	91	100.0	15.8	79.3	3.3	.8	-	.8	-
500 to 599 miles	76	100.0	23.5	72.1	2.7	.9	-	.8	-
600 to 799 miles	199	100.0	25.7	67.0	4.4	1.0	-	1.9	-
800 to 999 miles	94	100.0	39.4	54.3	2.7	.5	-	3.0	.1
1,000 to 1,199 miles	71	100.0	62.8	31.6	.4	1.8	-	3.4	-
1,200 to 1,499 miles	44	100.0	47.8	38.7	8.8	.5	.1	4.1	-
1,500 to 1,999 miles	80	100.0	40.1	51.9	.8	2.0	-	5.2	-
2,000 miles and over	43	100.0	49.6	30.1	.4	2.6	2.1	15.2	-
	(millions of ton-miles)								
TON-MILES									
Total	782	100.0	35.7	54.1	4.0	1.3	.4	4.5	-
Under 50 miles	4	100.0	2.1	51.2	46.3	-	-	.4	-
50 to 99 miles	8	100.0	.3	82.2	16.6	.2	-	.6	.1
100 to 199 miles	17	100.0	1.4	78.0	18.9	.5	-	1.2	-
200 to 299 miles	38	100.0	3.5	89.1	5.7	.6	-	1.1	-
300 to 399 miles	37	100.0	27.3	55.7	15.2	.5	-	1.3	-
400 to 499 miles	41	100.0	15.3	80.0	3.1	.8	-	.8	-
500 to 599 miles	41	100.0	24.0	71.4	2.8	1.0	-	.8	-
600 to 799 miles	136	100.0	26.3	66.5	4.3	1.0	-	1.9	-
800 to 999 miles	81	100.0	38.5	55.0	2.7	.5	-	3.2	.1
1,000 to 1,199 miles	78	100.0	63.6	30.9	.4	1.8	-	3.3	-
1,200 to 1,499 miles	58	100.0	47.6	39.0	8.6	.5	.1	4.2	-
1,500 to 1,999 miles	140	100.0	40.8	51.3	.8	1.9	-	5.2	-
2,000 miles and over	103	100.0	48.0	30.3	.5	2.6	2.9	15.7	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 201--Percent Distribution of Weight, by Means of Transport: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,277	100.0	21.8	65.2	9.9	3.1
Under 1,000 pounds	188	100.0	4.9	78.7	6.9	9.5
Under 50 pounds	8	100.0	4.0	39.1	3.4	53.5
50 to 99 pounds	13	100.0	4.0	77.0	3.9	15.1
100 to 199 pounds	29	100.0	5.5	80.5	5.7	8.3
200 to 499 pounds	66	100.0	5.3	82.6	6.1	6.0
500 to 999 pounds	72	100.0	4.5	78.9	9.1	7.5
1,000 to 9,999 pounds	465	100.0	6.6	77.2	12.7	3.5
1,000 to 1,999 pounds	121	100.0	4.0	83.6	8.5	3.9
2,000 to 2,999 pounds	84	100.0	4.9	78.1	12.9	4.1
3,000 to 3,999 pounds	65	100.0	6.0	88.6	1.6	3.8
4,000 to 4,999 pounds	43	100.0	12.9	78.7	5.4	3.0
5,000 to 9,999 pounds	152	100.0	8.0	66.2	22.9	2.9
10,000 to 29,999 pounds	446	100.0	35.2	55.1	8.8	.9
10,000 to 19,999 pounds	306	100.0	31.0	57.4	10.5	1.1
20,000 to 29,999 pounds	140	100.0	44.5	49.7	5.3	.5
30,000 to 59,999 pounds	115	100.0	33.7	59.0	5.9	1.4
30,000 to 39,999 pounds	70	100.0	41.4	51.5	4.8	2.3
40,000 to 49,999 pounds	33	100.0	25.7	63.7	10.6	-
50,000 to 59,999 pounds	12	100.0	11.9	88.1	-	-
60,000 to 89,999 pounds	13	100.0	-	100.0	-	-
60,000 to 69,999 pounds	2	100.0	-	100.0	-	-
70,000 to 79,999 pounds	7	100.0	-	100.0	-	-
80,000 to 89,999 pounds	4	100.0	-	100.0	-	-
90,000 pounds and over	50	100.0	84.3	-	15.7	-
TON-MILES	(millions of ton-miles)					
Total	782	100.0	35.7	54.1	4.0	6.2
Under 1,000 pounds	119	100.0	10.5	70.7	3.8	15.0
Under 50 pounds	6	100.0	7.4	34.5	2.1	56.0
50 to 99 pounds	9	100.0	6.4	72.1	2.7	18.8
100 to 199 pounds	19	100.0	12.2	71.3	3.3	13.2
200 to 499 pounds	42	100.0	10.6	74.4	3.6	11.4
500 to 999 pounds	43	100.0	11.0	71.5	4.6	12.9
1,000 to 9,999 pounds	244	100.0	14.1	69.7	7.3	8.9
1,000 to 1,999 pounds	65	100.0	10.1	69.7	9.6	10.6
2,000 to 2,999 pounds	41	100.0	10.7	68.7	10.4	10.2
3,000 to 3,999 pounds	37	100.0	12.6	79.8	.3	7.3
4,000 to 4,999 pounds	26	100.0	20.1	70.4	4.4	5.1
5,000 to 9,999 pounds	75	100.0	18.2	64.5	8.2	9.1
10,000 to 29,999 pounds	295	100.0	53.0	42.8	2.6	1.6
10,000 to 19,999 pounds	178	100.0	47.1	46.4	3.9	2.6
20,000 to 29,999 pounds	117	100.0	61.8	37.4	.6	.2
30,000 to 59,999 pounds	68	100.0	49.2	43.7	1.2	5.9
30,000 to 39,999 pounds	46	100.0	55.9	35.0	.4	8.7
40,000 to 49,999 pounds	16	100.0	39.1	57.0	3.9	-
50,000 to 59,999 pounds	6	100.0	25.7	74.3	-	-
60,000 to 89,999 pounds	13	100.0	-	100.0	-	-
60,000 to 69,999 pounds	1	100.0	-	100.0	-	-
70,000 to 79,999 pounds	5	100.0	-	100.0	-	-
80,000 to 89,999 pounds	7	100.0	-	100.0	-	-
90,000 pounds and over	43	100.0	99.4	-	.6	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 201--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,277	100.0	21.8	65.2	9.9	3.1
Under 200 miles	316	100.0	1.7	71.7	25.5	1.1
Under 1,000 pounds	50	100.0	.1	82.3	12.7	4.9
1,000 to 9,999 pounds	149	100.0	.3	74.8	24.2	.7
10,000 to 29,999 pounds	82	100.0	4.9	63.9	31.2	-
30,000 to 59,999 pounds	27	100.0	3.6	79.7	16.7	-
60,000 pounds and over	8	100.0	-	-	100.0	-
200 to 399 miles	264	100.0	12.7	76.3	9.4	1.6
Under 1,000 pounds	38	100.0	1.8	84.6	7.3	6.3
1,000 to 9,999 pounds	98	100.0	3.7	84.8	10.9	.6
10,000 to 29,999 pounds	93	100.0	9.0	80.2	9.4	1.4
30,000 to 59,999 pounds	19	100.0	26.7	60.7	12.6	-
60,000 pounds and over	16	100.0	100.0	-	-	-
400 to 599 miles	166	100.0	19.3	76.0	3.0	1.7
Under 1,000 pounds	29	100.0	4.9	84.4	4.3	6.4
1,000 to 9,999 pounds	62	100.0	3.8	92.6	2.0	1.6
10,000 to 29,999 pounds	64	100.0	38.4	57.7	3.9	-
30,000 pounds and over	11	100.0	34.1	65.9	-	-
600 to 999 miles	293	100.0	30.1	63.0	3.8	3.1
Under 1,000 pounds	32	100.0	5.1	76.9	5.1	12.9
1,000 to 9,999 pounds	95	100.0	10.9	76.7	8.3	4.1
10,000 to 29,999 pounds	114	100.0	51.4	46.2	1.4	1.0
30,000 to 59,999 pounds	43	100.0	41.1	58.9	-	-
60,000 pounds and over	9	100.0	-	100.0	-	-
1,000 miles and over	238	100.0	49.9	39.5	2.1	8.5
Under 1,000 pounds	38	100.0	14.1	64.9	2.4	18.6
1,000 to 9,999 pounds	60	100.0	23.0	55.3	5.3	16.4
10,000 to 29,999 pounds	93	100.0	66.0	31.2	1.0	1.8
30,000 to 59,999 pounds	16	100.0	72.6	17.4	-	10.0
60,000 to 89,999 pounds	4	100.0	-	100.0	-	-
90,000 pounds and over	27	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	782	100.0	35.7	54.1	4.0	6.2
Under 200 miles	28	100.0	1.2	76.5	21.1	1.2
Under 1,000 pounds	4	100.0	.1	85.8	8.4	5.7
1,000 to 9,999 pounds	15	100.0	.1	74.1	25.0	.8
10,000 to 29,999 pounds	7	100.0	4.5	73.2	22.3	-
30,000 to 59,999 pounds	2	100.0	1.0	89.8	9.2	-
60,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	76	100.0	15.3	72.6	10.4	1.7
Under 1,000 pounds	11	100.0	1.8	83.0	9.1	6.1
1,000 to 9,999 pounds	28	100.0	4.1	82.9	12.4	.6
10,000 to 29,999 pounds	26	100.0	11.1	76.4	10.8	1.7
30,000 to 59,999 pounds	5	100.0	34.7	53.8	11.5	-
60,000 pounds and over	6	100.0	100.0	-	-	-
400 to 599 miles	82	100.0	19.7	75.7	2.9	1.7
Under 1,000 pounds	14	100.0	4.9	84.8	4.1	6.2
1,000 to 9,999 pounds	31	100.0	4.2	92.1	2.0	1.7
10,000 to 29,999 pounds	32	100.0	39.8	56.5	3.7	-
30,000 pounds and over	5	100.0	30.8	69.2	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 201--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
600 to 999 miles	217	100.0	30.9	62.2	3.7	3.2
Under 1,000 pounds	25	100.0	5.3	76.6	4.9	13.2
1,000 to 9,999 pounds	70	100.0	11.1	76.6	8.1	4.2
10,000 to 29,999 pounds	86	100.0	52.3	45.6	1.2	.9
30,000 to 59,999 pounds	30	100.0	42.9	57.1	-	-
60,000 pounds and over	6	100.0	-	100.0	-	-
1,000 miles and over	379	100.0	48.5	39.5	1.8	10.2
Under 1,000 pounds	64	100.0	16.1	62.0	2.0	19.9
1,000 to 9,999 pounds	100	100.0	24.2	53.4	4.4	18.0
10,000 to 29,999 pounds	145	100.0	65.8	30.9	.8	2.5
30,000 to 59,999 pounds	26	100.0	67.4	17.1	-	15.5
60,000 to 89,999 pounds	7	100.0	-	100.0	-	-
90,000 pounds and over	37	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 201--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,288	100.0	21.6	64.7	10.6	0.8	0.1	2.2	-
New England	19	100.0	8.9	85.1	3.7	.4	-	1.9	-
Middle Atlantic	452	100.0	23.6	63.6	9.0	.8	.1	2.9	-
East North Central	644	100.0	21.5	65.5	11.3	.8	-	.9	-
West North Central	15	100.0	.1	86.6	.3	5.2	-	7.3	0.5
East South Central	89	100.0	31.2	62.0	6.0	-	-	.8	-
Pacific[1]	37	100.0	4.5	67.8	5.6	1.4	1.9	18.8	-
Balance of United States[2]	32	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	782	100.0	35.7	54.1	4.0	1.3	.4	4.5	-
New England	15	100.0	18.7	74.6	4.6	.8	-	1.3	-
Middle Atlantic	264	100.0	47.8	43.8	1.8	1.1	.4	5.1	-
East North Central	356	100.0	34.0	59.9	3.1	1.5	-	1.5	-
West North Central	13	100.0	.2	87.1	.2	6.4	-	5.5	.6
East South Central	63	100.0	39.0	55.6	4.5	-	-	.9	-
Pacific[1]	46	100.0	4.6	53.8	2.6	2.0	4.3	32.7	-
Balance of United States[2]	25	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 201--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,288	1,288	68	284	369	120	145	61	95	39	107
Ton-miles.....millions..	782	782	42	92	114	84	91	31	88	52	188
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,288	100.0	5.3	22.1	28.7	9.3	11.2	4.7	7.4	3.0	8.3
Shipments from--											
New England.....	19	100.0	5.9	39.1	16.3	6.0	10.8	4.6	4.7	2.2	10.4
Middle Atlantic.....	452	100.0	7.1	35.7	23.0	9.4	8.9	3.5	4.6	2.3	5.5
East North Central.....	644	100.0	4.1	14.8	35.5	9.8	12.3	4.9	8.5	2.6	7.5
West North Central.....	15	100.0	11.7	15.1	15.8	7.2	18.4	3.8	9.3	6.7	12.0
East South Central.....	89	100.0	3.8	12.6	26.1	9.7	15.8	8.6	6.9	4.3	12.2
Pacific[2].....	37	100.0	6.9	7.9	7.6	2.7	9.3	4.0	16.8	11.9	32.9
Balance of U.S.[3].....	32	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	782	100.0	5.3	11.8	14.5	10.7	11.7	3.9	11.3	6.7	24.1
Shipments from--											
New England.....	15	100.0	.6	9.6	14.5	9.4	10.7	6.0	9.3	5.6	34.3
Middle Atlantic.....	264	100.0	2.9	6.1	20.2	17.0	8.4	4.7	10.5	7.4	22.8
East North Central.....	356	100.0	6.1	15.8	10.5	7.6	14.1	3.1	12.7	6.0	24.1
West North Central.....	13	100.0	15.1	17.9	7.1	2.3	19.7	2.2	8.4	6.5	20.8
East South Central.....	63	100.0	4.9	12.3	16.4	9.5	7.7	2.5	5.8	8.5	32.4
Pacific[2].....	46	100.0	14.2	15.5	11.3	3.4	17.3	5.8	17.1	4.7	10.7
Balance of U.S.[3].....	25	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 201--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,288	100.0	21.6	64.7	10.6	0.8	0.1	2.2	-
Middle Atlantic, total	452	100.0	23.6	63.6	9.0	.8	.1	2.9	-
Shipments to--									
New England	32	100.0	2.1	85.7	10.6	1.2	-	.4	-
Middle Atlantic	161	100.0	2.8	75.5	20.1	.2	-	1.4	-
East North Central	104	100.0	16.6	76.7	3.4	1.0	-	2.3	-
South Atlantic	40	100.0	25.7	65.7	2.0	3.0	.2	3.4	-
Pacific	25	100.0	65.0	26.5	-	1.9	.8	5.8	-
East North Central, total	644	100.0	21.5	65.5	11.3	.8	-	.9	-
Shipments to--									
Middle Atlantic	96	100.0	32.8	56.1	9.2	.7	-	1.2	-
East North Central	228	100.0	1.2	71.4	26.8	.3	-	.3	-
West North Central	63	100.0	18.6	80.2	-	.4	-	.8	-
South Atlantic	79	100.0	27.5	69.9	-	1.5	-	1.1	-
East South Central	32	100.0	8.3	81.9	9.6	.1	-	.1	-
West South Central	55	100.0	50.2	47.3	.1	1.0	-	1.4	-
Pacific	48	100.0	42.6	52.0	-	2.5	-	2.9	-
TON-MILES	(millions of ton-miles)								
U.S. total	782	100.0	35.7	54.1	4.0	1.3	.4	4.5	-
Middle Atlantic, total	264	100.0	47.8	43.8	1.8	1.1	.4	5.1	-
Shipments to--									
New England	8	100.0	2.4	85.7	11.1	.5	-	.3	-
Middle Atlantic	16	100.0	2.3	86.6	8.0	.5	-	2.6	-
East North Central	53	100.0	12.4	80.9	3.0	1.1	-	2.6	-
South Atlantic	22	100.0	38.5	50.2	3.0	3.8	.4	4.1	-
Pacific	60	100.0	63.8	26.7	-	1.9	1.6	6.0	-
East North Central, total	356	100.0	34.0	59.9	3.1	1.5	-	1.5	-
Shipments to--									
Middle Atlantic	56	100.0	33.2	60.9	3.9	.8	-	1.2	-
East North Central	38	100.0	1.9	77.0	20.5	.3	-	.3	-
West North Central	27	100.0	23.7	75.0	-	.4	-	.9	-
South Atlantic	50	100.0	32.6	64.5	-	1.6	-	1.3	-
East South Central	11	100.0	10.7	78.6	10.4	.2	-	.1	-
West South Central	45	100.0	48.9	48.6	-	.9	-	1.6	-
Pacific	85	100.0	42.6	51.7	-	2.7	-	3.0	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 201--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,288	145	203	940	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	782	52	89	641
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	21.6	.2	.4	29.5	35.7	1.2	1.6	43.2
Motor carrier.....	64.7	95.6	64.2	59.9	54.1	92.5	79.9	47.5
Private truck.....	10.6	2.0	30.9	7.6	4.0	1.5	9.6	3.4
Air.....	.8	.5	3.2	.4	1.3	1.6	6.3	.6
Water.....	.1	-	-	.1	.4	.3	-	.4
Other.....	2.2	1.6	1.3	2.5	4.5	2.9	2.6	4.9
Unknown.....	-	.1	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	16.7	44.1	29.5	9.8	1.5	9.0	2.9	.7
100 to 199 miles.....	8.6	4.3	15.8	7.7	2.2	1.6	5.0	1.8
200 to 299 miles.....	12.1	5.5	12.8	13.0	4.9	3.9	6.3	4.8
300 to 399 miles.....	8.3	5.3	9.3	8.6	4.8	4.7	7.2	4.5
400 to 499 miles.....	7.0	15.7	2.6	6.7	5.2	19.4	2.6	4.4
500 to 999 miles.....	28.8	19.8	16.6	32.6	33.0	34.0	26.9	33.7
1,000 miles and over.....	18.5	5.3	13.4	21.6	48.4	27.4	49.1	50.1

Table 8. SHIPPER CLASS 201--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Radio and TV Receiving Sets (Except Communications Types), Phonographs, and Phonograph Records

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	13.9	-	21.1	56.5
Highway facilities	95.0	100.0	92.3	80.0
Rail and highway facilities	9.8	-	13.4	41.9
Air facilities	80.8	81.8	82.7	74.5
Rail, highway, and air facilities	7.7	-	13.4	29.2
Water facilities	5.7	-	15.4	14.4
Rail, highway, air, and water facilities	1.8	-	5.7	3.7

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 20.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 202--Percent Distribution of Distance, by Means of Transport: 1967

Communications Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	653	100.0	26.2	65.4	1.2	3.8	0.2	2.9	0.3
Under 50 miles	20	100.0	.1	73.8	15.7	2.8	1.3	6.1	.2
50 to 99 miles	42	100.0	2.0	92.6	4.2	.3	-	.8	.1
100 to 199 miles	115	100.0	31.3	65.1	1.1	.3	.2	2.1	-
200 to 299 miles	33	100.0	.9	92.6	.5	2.4	-	3.6	-
300 to 399 miles	24	100.0	.7	90.7	.7	2.8	-	5.1	-
400 to 499 miles	39	100.0	11.8	78.5	.3	6.5	.1	2.8	-
500 to 599 miles	37	100.0	24.3	71.0	-	3.0	-	1.7	-
600 to 799 miles	123	100.0	37.8	55.3	.2	2.4	-	2.9	1.4
800 to 999 miles	30	100.0	13.9	73.0	.1	9.2	-	3.8	-
1,000 to 1,199 miles	37	100.0	17.4	75.7	.1	3.6	-	3.1	.1
1,200 to 1,499 miles	64	100.0	46.6	46.8	-	5.0	-	1.6	-
1,500 to 1,999 miles	36	100.0	33.7	55.9	.4	7.0	-	3.0	-
2,000 miles and over	53	100.0	40.2	40.5	1.6	11.8	1.0	4.9	-
TON-MILES	(millions of ton-miles)								
Total	499	100.0	31.5	57.2	.6	6.7	.3	3.4	.3
Under 50 miles	-	-	-	-	-	-	-	-	-
50 to 99 miles	3	100.0	2.2	92.0	4.3	.4	-	1.0	.1
100 to 199 miles	20	100.0	29.3	67.6	.8	.2	.1	2.0	-
200 to 299 miles	8	100.0	1.0	92.4	.5	2.5	-	3.6	-
300 to 399 miles	8	100.0	.7	90.7	.7	2.9	-	5.0	-
400 to 499 miles	17	100.0	11.9	78.3	.3	6.6	.1	2.8	-
500 to 599 miles	21	100.0	24.1	71.3	-	2.9	-	1.7	-
600 to 799 miles	82	100.0	34.7	58.0	.2	2.4	-	3.1	1.6
800 to 999 miles	27	100.0	13.2	73.2	.1	9.6	-	3.9	-
1,000 to 1,199 miles	41	100.0	17.6	75.6	.1	3.5	-	3.1	.1
1,200 to 1,499 miles	87	100.0	47.0	46.5	-	4.9	-	1.6	-
1,500 to 1,999 miles	64	100.0	31.7	57.9	.4	7.0	-	3.0	-
2,000 miles and over	121	100.0	36.4	41.7	1.6	13.3	1.3	5.7	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 202--Percent Distribution of Weight, by Means of Transport: 1967

Communications Equipment

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total	630	100.0	27.1	64.7	1.1	3.7	3.4
Under 1,000 pounds	102	100.0	5.0	66.4	2.3	15.9	10.4
Under 50 pounds	11	100.0	6.6	24.1	2.5	29.5	37.3
50 to 99 pounds	10	100.0	5.9	56.5	2.0	19.0	16.6
100 to 199 pounds	16	100.0	4.0	66.4	1.3	17.5	10.8
200 to 499 pounds	32	100.0	4.2	74.3	2.3	14.3	4.9
500 to 999 pounds	33	100.0	5.3	75.8	2.7	11.4	4.8
1,000 to 9,999 pounds	147	100.0	4.6	85.3	1.6	4.5	4.0
1,000 to 1,999 pounds	40	100.0	3.3	82.3	2.0	6.8	5.6
2,000 to 2,999 pounds	22	100.0	5.4	73.5	3.3	15.3	2.5
3,000 to 3,999 pounds	12	100.0	.1	96.9	1.8	1.0	.2
4,000 to 4,999 pounds	17	100.0	1.9	89.3	1.0	1.3	6.5
5,000 to 9,999 pounds	56	100.0	7.0	88.7	.7	.2	3.4
10,000 to 29,999 pounds	145	100.0	29.6	66.8	1.3	.3	2.0
10,000 to 19,999 pounds	89	100.0	24.4	70.1	1.8	.5	3.2
20,000 to 29,999 pounds	56	100.0	37.7	61.9	.4	-	-
30,000 to 59,999 pounds	169	100.0	31.1	67.7	.2	-	1.0
30,000 to 39,999 pounds	99	100.0	34.5	63.4	.3	-	1.8
40,000 to 49,999 pounds	22	100.0	69.5	30.2	-	.3	-
50,000 to 59,999 pounds	48	100.0	6.1	93.9	-	-	-
60,000 to 89,999 pounds	21	100.0	83.4	16.6	-	-	-
60,000 to 79,999 pounds	4	100.0	8.2	91.8	-	-	-
80,000 to 89,999 pounds	17	100.0	100.0	-	-	-	-
90,000 pounds and over	46	100.0	100.0	-	-	-	-
TON-MILES	(millions of ton-miles)						
Total	484	100.0	32.4	56.6	.6	6.4	4.0
Under 1,000 pounds	83	100.0	6.9	57.9	.6	22.3	12.3
Under 50 pounds	10	100.0	6.6	19.9	.9	38.7	33.9
50 to 99 pounds	9	100.0	5.6	52.3	.6	23.5	18.0
100 to 199 pounds	13	100.0	4.6	57.9	.6	22.8	14.1
200 to 499 pounds	26	100.0	5.7	66.5	.7	21.6	5.5
500 to 999 pounds	25	100.0	9.9	65.5	.5	15.9	8.2
1,000 to 9,999 pounds	118	100.0	8.6	75.3	.6	9.7	5.8
1,000 to 1,999 pounds	32	100.0	6.4	65.6	1.8	15.5	10.7
2,000 to 2,999 pounds	22	100.0	7.6	62.0	.4	26.9	3.1
3,000 to 3,999 pounds	12	100.0	.6	96.9	.2	2.2	.1
4,000 to 4,999 pounds	13	100.0	4.3	86.6	.1	1.0	8.0
5,000 to 9,999 pounds	39	100.0	14.9	80.3	.2	.4	4.2
10,000 to 29,999 pounds	120	100.0	29.8	67.5	.6	.9	1.2
10,000 to 19,999 pounds	65	100.0	18.3	77.5	.2	1.7	2.3
20,000 to 29,999 pounds	55	100.0	43.5	55.4	1.1	-	-
30,000 to 59,999 pounds	104	100.0	50.6	47.3	.7	.1	1.3
30,000 to 39,999 pounds	64	100.0	41.0	55.7	1.2	-	2.1
40,000 to 49,999 pounds	30	100.0	83.7	16.1	-	.2	-
50,000 to 59,999 pounds	10	100.0	14.1	85.9	-	-	-
60,000 to 89,999 pounds	31	100.0	78.4	21.6	-	-	-
60,000 to 79,999 pounds	7	100.0	3.7	96.3	-	-	-
80,000 to 89,999 pounds	24	100.0	100.0	-	-	-	-
90,000 pounds and over	28	100.0	100.0	-	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 202--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Communications Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	630	100.0	27.1	64.7	1.1	3.7	3.4
Under 200 miles	170	100.0	21.6	72.2	3.1	.5	2.6
Under 1,000 pounds	20	100.0	.6	74.4	10.1	3.1	11.8
1,000 to 9,999 pounds	32	100.0	-	91.2	5.2	.9	2.7
10,000 to 29,999 pounds	32	100.0	50.2	41.4	4.9	-	3.5
30,000 pounds and over	86	100.0	24.0	76.0	-	-	-
200 to 399 miles	56	100.0	.9	91.9	.6	2.4	4.2
Under 1,000 pounds	15	100.0	2.0	81.7	.4	7.9	8.0
1,000 to 9,999 pounds	24	100.0	.8	92.3	1.2	.8	4.9
10,000 to 29,999 pounds	13	100.0	-	100.0	-	-	-
30,000 pounds and over	4	100.0	-	100.0	-	-	-
400 to 599 miles	75	100.0	18.3	75.1	-	4.5	2.1
Under 1,000 pounds	13	100.0	4.0	68.7	.1	16.7	10.5
1,000 to 9,999 pounds	17	100.0	.3	91.0	-	7.4	1.3
10,000 to 29,999 pounds	29	100.0	24.2	75.8	-	-	-
30,000 pounds and over	16	100.0	38.3	61.7	-	-	-
600 to 999 miles	142	100.0	35.8	55.7	.2	3.8	4.5
Under 1,000 pounds	22	100.0	5.9	64.0	.1	22.6	7.4
1,000 to 9,999 pounds	26	100.0	1.1	91.2	.6	1.8	5.3
10,000 to 29,999 pounds	25	100.0	10.4	82.5	.2	-	6.9
30,000 to 89,999 pounds	23	100.0	-	92.2	-	-	7.8
90,000 pounds and over	46	100.0	100.0	-	-	-	-
1,000 miles and over	187	100.0	37.1	52.5	.5	6.6	3.3
Under 1,000 pounds	32	100.0	8.8	55.0	.6	22.9	12.7
1,000 to 9,999 pounds	48	100.0	13.1	72.6	.5	9.2	4.6
10,000 to 29,999 pounds	46	100.0	37.5	61.0	.5	1.0	-
30,000 to 59,999 pounds	41	100.0	63.9	35.1	.8	.2	-
60,000 pounds and over	20	100.0	83.2	16.8	-	-	-
TON-MILES	(millions of ton-miles)						
Total[1]	484	100.0	32.4	56.6	.6	6.4	4.0
Under 200 miles	22	100.0	26.2	70.0	1.4	.3	2.1
Under 1,000 pounds	2	100.0	.8	77.1	5.8	2.7	13.6
1,000 to 9,999 pounds	3	100.0	-	96.0	2.8	.2	1.0
10,000 to 29,999 pounds	4	100.0	62.2	30.3	3.0	-	4.5
30,000 pounds and over	13	100.0	25.4	74.6	-	-	-
200 to 399 miles	16	100.0	.9	91.7	.6	2.6	4.2
Under 1,000 pounds	4	100.0	2.0	81.4	.5	8.1	8.0
1,000 to 9,999 pounds	7	100.0	.7	92.9	1.1	.7	4.6
10,000 to 29,999 pounds	4	100.0	-	100.0	-	-	-
30,000 pounds and over	1	100.0	-	100.0	-	-	-
400 to 599 miles	37	100.0	18.9	74.6	-	4.4	2.1
Under 1,000 pounds	6	100.0	4.1	69.0	.1	16.2	10.6
1,000 to 9,999 pounds	9	100.0	.3	91.3	-	7.3	1.1
10,000 to 29,999 pounds	15	100.0	25.4	74.6	-	-	-
30,000 pounds and over	7	100.0	39.4	60.6	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 202--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Communications Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TON-MILES--Continued	(millions of ton-miles)						
600 to 999 miles	101	100.0	31.8	59.0	0.2	4.2	4.8
Under 1,000 pounds	17	100.0	6.0	63.2	.1	23.2	7.5
1,000 to 9,999 pounds	20	100.0	1.2	91.3	.6	1.7	5.2
10,000 to 29,999 pounds	20	100.0	10.7	82.5	.2	-	6.6
30,000 to 89,999 pounds	16	100.0	-	91.8	-	-	8.2
90,000 pounds and over	28	100.0	100.0	-	-	-	-
1,000 miles and over	308	100.0	36.4	50.7	.7	8.0	4.2
Under 1,000 pounds	53	100.0	8.2	52.1	.7	24.6	14.4
1,000 to 9,999 pounds	80	100.0	12.4	67.2	.6	13.1	6.7
10,000 to 29,999 pounds	77	100.0	35.2	62.7	.7	1.4	-
30,000 to 59,999 pounds	67	100.0	69.6	29.2	1.1	.1	-
60,000 pounds and over	31	100.0	78.3	21.7	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 202--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Communications Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	653	100.0	26.2	65.4	1.2	3.8	0.2	2.9	0.3
New England	22	100.0	9.9	73.4	6.4	3.9	-	6.3	.1
Middle Atlantic	224	100.0	20.6	68.8	.7	4.4	.1	5.3	.1
East North Central	127	100.0	26.5	66.6	1.2	3.1	-	1.2	1.4
South Atlantic	22	100.0	6.8	80.6	1.6	6.6	-	4.2	.2
Pacific[1]	40	100.0	3.5	79.2	5.1	8.4	1.6	2.2	-
Balance of United States[2]	218	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	499	100.0	31.5	57.2	.6	6.7	.3	3.4	.3
New England	14	100.0	18.0	65.2	.4	7.5	-	8.9	-
Middle Atlantic	123	100.0	23.1	54.5	.9	12.0	.1	9.3	.1
East North Central	110	100.0	44.3	49.9	.3	3.4	.1	.8	1.2
South Atlantic	17	100.0	4.3	78.0	.4	11.9	-	5.2	.2
Pacific[1]	49	100.0	5.6	75.5	2.7	12.1	2.1	2.0	-
Balance of United States[2]	186	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 202--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Communications Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	653	653	52	106	88	41	113	39	87	21	106
Ton-miles.....millions..	499	499	29	63	45	20	58	25	65	29	165
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	653	100.0	7.9	16.2	13.5	6.3	17.4	6.0	13.3	3.2	16.2
Shipments from--											
New England.....	22	100.0	23.5	28.1	14.7	3.2	11.3	5.2	3.4	2.8	7.8
Middle Atlantic.....	224	100.0	10.5	24.7	12.6	2.7	30.8	1.1	6.2	4.8	6.6
East North Central.....	127	100.0	5.5	8.5	16.4	14.9	11.3	2.6	15.3	1.5	24.0
South Atlantic.....	22	100.0	9.7	9.6	5.8	12.3	34.3	5.3	4.8	6.4	11.8
Pacific[2].....	40	100.0	1.0	21.1	11.1	2.9	6.8	3.2	4.3	6.5	43.1
Balance of U.S.[3].....	218	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	499	100.0	5.9	12.7	9.0	4.0	11.7	4.9	12.9	5.7	33.2
Shipments from--											
New England.....	14	100.0	1.9	8.7	16.7	5.9	10.2	8.0	8.3	8.4	31.9
Middle Atlantic.....	123	100.0	2.7	4.7	9.6	4.3	19.1	1.5	13.6	14.7	29.8
East North Central.....	110	100.0	4.6	5.1	3.1	5.9	9.5	1.2	12.7	2.3	55.6
South Atlantic.....	17	100.0	7.9	5.0	5.4	12.5	11.8	2.7	6.1	13.9	34.7
Pacific[2].....	49	100.0	2.2	41.3	16.7	3.6	12.8	4.9	4.6	3.2	10.7
Balance of U.S.[3].....	186	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 202--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Communications Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	653	100.0	26.2	65.4	1.2	3.8	0.2	2.9	0.3
Middle Atlantic, total	224	100.0	20.6	68.8	.7	4.4	.1	5.3	.1
Shipments to--									
New England	23	100.0	48.1	49.0	.9	.3	-	1.7	-
Middle Atlantic	55	100.0	24.0	70.4	1.4	1.3	.3	2.5	.1
East North Central	28	100.0	21.7	62.3	-	9.3	-	6.6	.1
South Atlantic	69	100.0	.1	95.9	.1	1.3	-	2.6	-
West South Central	14	100.0	23.7	61.8	.3	8.1	-	6.1	-
Mountain	11	100.0	80.2	13.1	.6	.6	-	5.5	-
Pacific	15	100.0	7.3	49.4	2.4	26.9	.1	13.8	.1
East North Central, total	127	100.0	26.5	66.6	1.2	3.1	-	1.2	1.4
Shipments to--									
Middle Atlantic	11	100.0	8.0	81.6	1.8	6.3	-	2.3	-
East North Central	21	100.0	27.9	60.9	5.1	2.3	.2	3.6	-
West North Central	19	100.0	1.3	96.8	-	1.7	-	.2	-
South Atlantic	14	100.0	21.5	72.2	-	5.1	-	1.2	-
West South Central	19	100.0	10.7	78.3	-	1.8	-	.3	8.9
Pacific	31	100.0	69.3	28.1	-	1.8	.1	.7	-
TON-MILES	(millions of ton-miles)								
U.S. total	499	100.0	31.5	57.2	.6	6.7	.3	3.4	.3
Middle Atlantic, total	123	100.0	23.1	54.5	.9	12.0	.1	9.3	.1
Shipments to--									
New England	3	100.0	52.2	43.7	1.1	.5	-	2.5	-
Middle Atlantic	6	100.0	35.0	60.6	.7	.9	.4	2.4	-
East North Central	12	100.0	11.6	70.9	-	12.9	-	4.5	.1
South Atlantic	23	100.0	.2	93.3	.1	2.5	-	3.9	-
West South Central	17	100.0	27.2	57.6	.3	9.4	-	5.5	-
Mountain	18	100.0	77.8	15.0	.7	.7	-	5.8	-
Pacific	37	100.0	6.6	46.7	2.3	28.5	.2	15.6	.1
East North Central, total	110	100.0	44.3	49.9	.3	3.4	.1	.8	1.2
Shipments to--									
Middle Atlantic	6	100.0	10.3	79.7	1.1	6.6	-	2.3	-
East North Central	3	100.0	28.7	61.7	2.1	3.5	.2	3.8	-
West North Central	7	100.0	1.2	96.5	-	2.1	-	.2	-
South Atlantic	10	100.0	15.4	78.6	-	4.8	-	1.2	-
West South Central	14	100.0	13.0	75.2	-	1.9	-	.4	9.5
Pacific	61	100.0	70.8	26.3	-	2.1	.2	.6	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 202--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Communications Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	653	42	53	558	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	499	40	46	413
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	26.2	5.2	1.4	30.1	31.5	6.9	1.7	37.2
Motor carrier.....	65.4	84.6	85.2	62.1	57.2	86.8	82.4	51.4
Private truck.....	1.2	5.2	1.5	.9	.6	1.3	.2	.6
Air.....	3.8	1.2	7.0	3.8	6.7	1.3	9.2	6.9
Water.....	.2	.9	.2	.1	.3	2.6	1.0	.1
Other.....	2.9	2.8	4.6	2.7	3.4	1.1	5.5	3.4
Unknown.....	.3	.1	.1	.3	.3	-	-	.4
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	9.5	19.2	15.3	8.2	.6	.7	.9	.6
100 to 199 miles.....	17.6	15.8	9.2	18.5	4.0	3.0	1.6	4.3
200 to 299 miles.....	5.1	3.8	7.4	5.0	1.6	1.0	2.0	1.6
300 to 399 miles.....	3.7	15.6	2.9	2.8	1.6	5.6	1.1	1.3
400 to 499 miles.....	6.0	1.4	2.6	6.6	3.5	.6	1.4	4.0
500 to 999 miles.....	29.1	7.4	24.4	31.3	26.0	6.2	19.0	28.6
1,000 miles and over.....	29.0	36.8	38.2	27.6	62.7	82.9	74.0	59.6

Table 8. SHIPPER CLASS 202--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Communications Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	17.0	17.5	6.7	38.4
Highway facilities	92.6	91.3	94.1	92.5
Rail and highway facilities	15.4	17.5	5.6	31.6
Air facilities	84.9	86.9	84.0	82.0
Rail, highway, and air facilities	12.7	13.1	5.6	27.1
Water facilities	9.5	4.4	16.5	6.8
Rail, highway, air, and water facilities	2.4	4.4	-	3.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 7.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 203--Percent Distribution of Distance, by Means of Transport: 1967

Electronic Components and Accessories

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	573	100.0	14.6	59.8	15.9	5.4	1.1	3.2	-
Under 50 miles	44	100.0	.1	46.5	42.9	6.3	2.0	2.2	-
50 to 99 miles	58	100.0	3.5	56.4	35.5	3.4	-	1.2	-
100 to 199 miles	81	100.0	.3	74.4	23.5	.4	-	1.4	-
200 to 299 miles	65	100.0	6.0	83.7	4.4	2.7	-	3.2	-
300 to 399 miles	29	100.0	.6	87.5	8.0	2.3	-	1.6	-
400 to 499 miles	50	100.0	40.2	32.7	23.0	2.5	-	1.6	-
500 to 599 miles	79	100.0	47.4	34.3	5.2	5.3	-	7.8	-
600 to 799 miles	83	100.0	8.5	72.2	10.1	5.3	-	3.9	-
800 to 999 miles	22	100.0	40.1	45.3	4.9	8.1	-	1.6	-
1,000 to 1,199 miles	6	100.0	4.6	69.9	9.2	11.4	-	4.9	-
1,200 to 1,499 miles	12	100.0	5.5	72.4	5.5	15.3	-	1.3	-
1,500 to 1,999 miles	25	100.0	.9	63.2	3.7	8.2	21.0	3.0	-
2,000 miles and over	19	100.0	12.6	42.7	-	38.8	.1	5.8	-
TON-MILES	(millions of ton-miles)								
Total	296	100.0	16.7	56.9	7.8	11.4	3.3	3.9	-
Under 50 miles	1	100.0	.1	60.1	27.8	8.6	1.2	2.2	-
50 to 99 miles	4	100.0	3.2	56.6	35.0	3.9	-	1.3	-
100 to 199 miles	12	100.0	.3	78.3	19.6	.4	-	1.4	-
200 to 299 miles	15	100.0	5.4	84.3	4.4	2.7	-	3.2	-
300 to 399 miles	10	100.0	.6	87.7	7.9	2.2	-	1.6	-
400 to 499 miles	22	100.0	39.0	33.4	23.4	2.5	-	1.7	-
500 to 599 miles	43	100.0	47.0	34.4	5.5	5.4	-	7.7	-
600 to 799 miles	57	100.0	7.9	73.0	10.0	5.3	-	3.8	-
800 to 999 miles	20	100.0	39.7	45.6	4.9	8.2	-	1.6	-
1,000 to 1,199 miles	6	100.0	4.4	69.6	9.5	11.7	-	4.8	-
1,200 to 1,499 miles	16	100.0	5.4	71.8	5.5	16.0	-	1.3	-
1,500 to 1,999 miles	45	100.0	.8	62.9	3.8	8.2	21.4	2.9	-
2,000 miles and over	45	100.0	12.6	40.8	-	40.7	.1	5.8	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 203--Percent Distribution of Weight, by Means of Transport: 1967

Electronic Components and Accessories

Weight of shipment	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
	(thousands of tons)						
TONS OF SHIPMENTS							
Total	572	100.0	14.6	60.0	15.8	5.4	4.2
Under 1,000 pounds	146	100.0	1.3	72.2	4.3	15.8	6.4
Under 50 pounds	19	100.0	3.4	34.6	2.1	30.1	29.8
50 to 99 pounds	15	100.0	3.2	63.6	2.8	21.4	9.0
100 to 199 pounds	20	100.0	1.4	76.8	3.0	15.8	3.0
200 to 499 pounds	46	100.0	.6	78.2	3.8	14.2	3.2
500 to 999 pounds	46	100.0	.6	82.3	6.8	9.8	.5
1,000 to 9,999 pounds	153	100.0	1.0	82.7	9.7	5.1	1.5
1,000 to 1,999 pounds	52	100.0	1.0	82.7	9.8	4.9	1.6
2,000 to 2,999 pounds	24	100.0	.6	84.8	7.2	6.5	.9
3,000 to 3,999 pounds	26	100.0	-	90.0	3.1	6.1	.8
4,000 to 4,999 pounds	14	100.0	.7	89.2	1.9	8.2	-
5,000 to 9,999 pounds	37	100.0	2.1	73.4	18.9	2.6	3.0
10,000 to 29,999 pounds	174	100.0	14.5	44.6	39.2	-	1.7
10,000 to 19,999 pounds	91	100.0	15.9	40.7	42.5	-	.9
20,000 to 29,999 pounds	83	100.0	12.9	49.1	35.5	-	2.5
30,000 to 59,999 pounds	73	100.0	59.5	36.9	1.1	-	2.5
30,000 to 39,999 pounds	41	100.0	63.1	30.4	2.0	-	4.5
40,000 to 49,999 pounds	30	100.0	59.4	40.6	-	-	-
50,000 to 59,999 pounds	2	100.0	-	100.0	-	-	-
60,000 to 89,999 pounds	7	100.0	-	88.6	-	-	11.4
90,000 pounds and over	19	100.0	61.8	-	-	-	38.2
	(millions of ton-miles)						
TON-MILES							
Total	296	100.0	16.7	57.1	7.7	11.3	7.2
Under 1,000 pounds	86	100.0	2.0	61.6	2.0	27.9	6.5
Under 50 pounds	14	100.0	4.0	24.3	.6	46.3	24.8
50 to 99 pounds	10	100.0	3.3	57.3	1.0	31.3	7.1
100 to 199 pounds	11	100.0	1.6	65.4	1.4	28.4	3.2
200 to 499 pounds	26	100.0	1.2	71.3	2.1	22.4	3.0
500 to 999 pounds	25	100.0	1.3	72.5	3.3	21.8	1.1
1,000 to 9,999 pounds	92	100.0	1.6	79.5	6.5	10.3	2.1
1,000 to 1,999 pounds	34	100.0	1.5	83.7	2.7	10.9	1.2
2,000 to 2,999 pounds	15	100.0	.8	80.5	5.7	12.2	.8
3,000 to 3,999 pounds	16	100.0	-	90.5	2.9	3.7	2.9
4,000 to 4,999 pounds	7	100.0	1.1	77.9	.1	20.9	-
5,000 to 9,999 pounds	20	100.0	4.0	63.2	18.7	9.3	4.8
10,000 to 29,999 pounds	69	100.0	24.0	46.2	22.1	-	7.7
10,000 to 19,999 pounds	37	100.0	23.8	48.4	23.7	-	4.1
20,000 to 29,999 pounds	32	100.0	24.2	43.8	20.2	-	11.8
30,000 to 59,999 pounds	37	100.0	68.9	27.7	-	-	3.4
30,000 to 39,999 pounds	25	100.0	66.0	29.0	.1	-	4.9
40,000 to 49,999 pounds	11	100.0	79.9	20.1	-	-	-
50,000 to 59,999 pounds	1	100.0	-	100.0	-	-	-
60,000 to 89,999 pounds	2	100.0	-	21.5	-	-	78.5
90,000 pounds and over	10	100.0	43.9	-	-	-	56.1

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 203--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Electronic Components and Accessories

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TONS OF SHIPMENTS	(thousands of tons)						
Total[1]	572	100.0	14.6	60.0	15.8	5.4	4.2
Under 200 miles	183	100.0	1.2	62.3	31.8	2.7	2.0
Under 1,000 pounds	40	100.0	.6	75.2	10.5	7.1	6.6
1,000 to 9,999 pounds	49	100.0	.1	80.0	13.5	4.4	2.0
10,000 to 29,999 pounds	77	100.0	-	39.2	60.8	-	-
30,000 to 59,999 pounds	11	100.0	18.0	74.4	7.6	-	-
60,000 pounds and over	6	100.0	-	100.0	-	-	-
200 to 399 miles	93	100.0	4.3	85.2	5.3	2.6	2.6
Under 1,000 pounds	31	100.0	.8	82.5	2.0	7.0	7.7
1,000 to 9,999 pounds	23	100.0	-	93.2	5.5	1.0	.3
10,000 to 29,999 pounds	24	100.0	-	87.6	12.4	-	-
30,000 to 59,999 pounds	11	100.0	-	100.0	-	-	-
60,000 pounds and over	4	100.0	100.0	-	-	-	-
400 to 599 miles	129	100.0	44.6	33.7	12.1	4.2	5.4
Under 1,000 pounds	24	100.0	2.0	72.9	1.3	19.0	4.8
1,000 to 9,999 pounds	15	100.0	2.7	75.8	14.4	5.4	1.7
10,000 to 29,999 pounds	36	100.0	37.5	26.4	36.1	-	-
30,000 to 59,999 pounds	41	100.0	87.9	12.1	-	-	-
60,000 pounds and over	13	100.0	57.5	-	-	-	42.5
600 to 999 miles	105	100.0	15.1	66.7	9.0	5.9	3.3
Under 1,000 pounds	29	100.0	1.3	73.5	3.3	17.2	4.7
1,000 to 9,999 pounds	44	100.0	1.5	86.4	8.8	2.6	.7
10,000 to 29,999 pounds	25	100.0	43.0	38.7	18.3	-	-
30,000 pounds and over	7	100.0	56.0	17.7	-	-	26.3
1,000 miles and over	62	100.0	5.7	59.3	3.4	19.3	12.3
Under 1,000 pounds	22	100.0	2.7	49.7	1.0	38.7	7.9
1,000 to 9,999 pounds	23	100.0	1.9	75.2	4.6	15.0	3.3
10,000 to 29,999 pounds	11	100.0	4.9	61.4	7.8	-	25.9
30,000 to 59,999 pounds	4	100.0	53.2	46.8	-	-	-
60,000 to 89,999 pounds	1	100.0	-	-	-	-	100.0
90,000 pounds and over	1	100.0	-	-	-	-	100.0
TON-MILES	(millions of ton-miles)						
Total[1]	296	100.0	16.7	57.1	7.7	11.3	7.2
Under 200 miles	17	100.0	.9	72.5	23.4	1.7	1.5
Under 1,000 pounds	4	100.0	.7	79.3	8.6	5.3	6.1
1,000 to 9,999 pounds	5	100.0	.2	89.7	8.3	1.5	.3
10,000 to 29,999 pounds	7	100.0	-	51.2	48.8	-	-
30,000 to 59,999 pounds	1	100.0	15.9	82.1	2.0	-	-
60,000 pounds and over	-	-	-	-	-	-	-
200 to 399 miles	25	100.0	3.5	85.9	5.6	2.5	2.5
Under 1,000 pounds	8	100.0	.9	82.7	2.1	6.9	7.4
1,000 to 9,999 pounds	6	100.0	-	92.5	6.1	1.1	.3
10,000 to 29,999 pounds	7	100.0	-	87.9	12.1	-	-
30,000 to 59,999 pounds	3	100.0	-	100.0	-	-	-
60,000 pounds and over	1	100.0	100.0	-	-	-	-
400 to 599 miles	66	100.0	44.3	34.1	11.6	4.4	5.6
Under 1,000 pounds	12	100.0	1.9	72.2	1.3	19.9	4.7
1,000 to 9,999 pounds	8	100.0	2.4	75.8	14.5	5.7	1.6
10,000 to 29,999 pounds	18	100.0	38.6	27.1	34.3	-	-
30,000 to 59,999 pounds	21	100.0	87.3	12.7	-	-	-
60,000 pounds and over	7	100.0	54.6	-	-	-	45.4

See footnote at end of table.

TABLE 3. SHIPPER CLASS 203--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Electronic Components and Accessories

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport					
		All means of transport	Rail	Motor carrier	Private truck	Air	All other
TON-MILES--Continued	(millions of ton-miles)						
600 to 999 miles	76	100.0	16.0	66.1	8.7	6.0	3.2
Under 1,000 pounds	21	100.0	1.4	72.7	3.5	17.7	4.7
1,000 to 9,999 pounds	32	100.0	1.5	86.8	8.6	2.5	.6
10,000 to 29,999 pounds	18	100.0	47.4	35.2	17.4	-	-
30,000 pounds and over	5	100.0	58.6	15.5	-	-	25.9
1,000 miles and over	112	100.0	6.4	55.6	2.8	22.5	12.7
Under 1,000 pounds	40	100.0	2.6	46.6	.7	42.2	7.9
1,000 to 9,999 pounds	40	100.0	2.0	70.8	3.1	20.0	4.1
10,000 to 29,999 pounds	19	100.0	3.8	59.5	8.6	-	28.1
30,000 to 59,999 pounds	8	100.0	56.7	43.3	-	-	-
60,000 to 89,999 pounds	2	100.0	-	-	-	-	100.0
90,000 pounds and over	3	100.0	-	-	-	-	100.0

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 203--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Electronic Components and Accessories

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	573	100.0	14.6	59.8	15.9	5.4	1.1	3.2	-
New England	35	100.0	6.4	82.2	3.2	6.3	-	1.9	-
Middle Atlantic	157	100.0	29.8	42.9	16.9	3.6	-	6.8	-
East North Central	226	100.0	15.2	52.4	26.0	2.2	2.4	1.8	-
West North Central	30	100.0	.6	95.0	1.2	2.4	-	.8	-
South Atlantic	23	100.0	.3	90.8	-	6.0	-	2.9	-
Pacific[1]	46	100.0	-	74.9	.4	21.5	1.8	1.4	-
Balance of United States[2]	56	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	296	100.0	16.7	56.9	7.8	11.4	3.3	3.9	-
New England	21	100.0	10.8	74.1	2.7	9.6	-	2.8	-
Middle Atlantic	80	100.0	36.2	40.3	7.2	7.4	-	8.9	-
East North Central	98	100.0	18.3	50.7	16.0	3.3	9.8	1.9	-
West North Central	11	100.0	1.0	89.5	2.3	5.9	-	1.3	-
South Atlantic	17	100.0	.4	88.2	-	7.5	-	3.9	-
Pacific[1]	39	100.0	.1	55.0	-	43.3	-	1.5	1
Balance of United States[2]	30	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 203--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Electronic Components and Accessories

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	573	573	28	142	227	17	30	44	25	6	54
Ton-miles.....millions..	296	296	19	62	71	15	17	22	24	9	57
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	573	100.0	4.8	24.8	39.7	3.0	5.1	7.7	4.4	1.1	9.4
Shipments from--											
New England.....	35	100.0	13.1	37.6	24.5	3.3	5.9	5.1	2.1	3.8	4.6
Middle Atlantic.....	157	100.0	2.7	31.3	38.3	4.1	10.2	3.0	4.7	1.7	4.0
East North Central.....	226	100.0	2.8	19.3	46.4	2.6	3.9	14.3	4.0	.2	6.5
West North Central.....	30	100.0	.3	8.5	74.6	1.0	.9	3.3	9.6	-	1.8
South Atlantic.....	23	100.0	2.5	27.6	36.7	3.5	2.2	10.0	3.3	1.7	12.5
Pacific[2].....	46	100.0	4.2	7.0	9.6	5.9	2.0	1.8	9.6	2.4	57.5
Balance of U.S.[3].....	56	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	296	100.0	6.4	21.0	23.8	5.0	5.6	7.4	8.2	3.3	19.3
Shipments from--											
New England.....	21	100.0	2.6	10.3	29.7	5.8	5.9	8.4	5.3	11.9	20.1
Middle Atlantic.....	80	100.0	1.3	6.9	36.2	7.0	9.8	4.2	10.4	5.9	18.3
East North Central.....	98	100.0	4.4	25.4	13.9	2.9	4.3	14.1	7.3	.5	27.2
West North Central.....	11	100.0	.9	20.2	53.6	.3	2.1	5.1	10.4	.1	7.3
South Atlantic.....	17	100.0	2.2	22.0	25.5	4.0	.9	3.2	3.7	3.4	35.1
Pacific[2].....	39	100.0	13.3	20.5	20.7	10.9	5.6	4.2	14.9	2.3	7.6
Balance of U.S.[3].....	30	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 203--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Electronic Components and Accessories

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	573	100.0	14.6	59.8	15.9	5.4	1.1	3.2	-
Middle Atlantic, total	157	100.0	29.8	42.9	16.9	3.6	-	6.8	-
Shipments to--									
New England	4	100.0	.1	92.8	-	1.6	-	5.5	-
Middle Atlantic	49	100.0	4.1	54.7	37.3	2.2	-	1.7	-
East North Central	60	100.0	55.5	33.0	4.3	2.8	-	4.4	-
West North Central	6	100.0	26.1	51.7	12.0	7.9	-	2.3	-
South Atlantic	16	100.0	17.5	19.4	23.6	3.0	-	36.5	-
Pacific	6	100.0	34.3	30.0	-	23.5	.1	12.1	-
East North Central, total	226	100.0	15.2	52.4	26.0	2.2	2.4	1.8	-
Shipments to--									
Middle Atlantic	44	100.0	26.4	52.0	19.3	1.3	-	1.0	-
East North Central	105	100.0	.1	61.9	35.1	1.0	-	1.9	-
South Atlantic	9	100.0	24.1	63.8	-	6.1	-	6.0	-
East South Central	32	100.0	43.3	19.8	35.8	.5	-	.6	-
Pacific	15	100.0	.3	50.4	6.0	4.7	36.2	2.4	-
TON-MILES	(millions of ton-miles)								
U.S. total	296	100.0	16.7	56.9	7.8	11.4	3.3	3.9	-
Middle Atlantic, total	80	100.0	36.2	40.3	7.2	7.4	-	8.9	-
Shipments to--									
New England	1	100.0	.1	92.9	.1	1.8	-	5.1	-
Middle Atlantic	5	100.0	2.3	75.8	17.8	2.3	-	1.8	-
East North Central	29	100.0	57.3	28.4	5.2	3.5	-	5.6	-
West North Central	6	100.0	28.1	47.1	14.9	7.7	-	2.2	-
South Atlantic	8	100.0	19.3	20.1	16.4	5.1	-	39.1	-
Pacific	15	100.0	33.8	29.9	-	24.0	.1	12.2	-
East North Central, total	98	100.0	18.3	50.7	16.0	3.3	9.8	1.9	-
Shipments to--									
Middle Atlantic	25	100.0	25.1	50.8	21.7	1.3	-	1.1	-
East North Central	14	100.0	-	73.0	24.2	.7	-	2.1	-
South Atlantic	4	100.0	24.6	60.8	-	7.1	-	7.5	-
East South Central	14	100.0	44.1	19.0	36.0	.5	-	.4	-
Pacific	27	100.0	.3	50.7	6.0	4.7	36.0	2.3	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 203--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Electronic Components and Accessories

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	573	77	23	473	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	296	37	15	244
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	14.6	-	.8	17.6	16.7	.1	.8	20.2
Motor carrier.....	59.8	78.9	77.4	56.0	56.9	84.7	71.7	51.9
Private truck.....	15.9	8.7	.3	17.8	7.8	1.4	.2	9.2
Air.....	5.4	8.4	12.9	4.5	11.4	10.7	18.0	11.0
Water.....	1.1	-	-	1.3	3.3	-	-	4.0
Other.....	3.2	4.0	8.6	2.8	3.9	3.1	9.3	3.7
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	17.8	15.0	9.2	18.7	1.7	1.6	1.0	1.7
100 to 199 miles.....	14.2	10.5	33.4	13.9	4.1	3.1	7.1	4.1
200 to 299 miles.....	11.3	16.4	7.9	10.6	5.1	7.8	2.9	4.8
300 to 399 miles.....	5.0	.7	4.7	5.7	3.3	.5	2.5	3.8
400 to 499 miles.....	8.7	6.3	2.5	9.4	7.6	6.1	1.7	8.2
500 to 999 miles.....	32.2	48.6	19.5	30.1	40.4	72.5	17.4	37.0
1,000 miles and over.....	10.8	2.5	22.8	11.6	37.8	8.4	67.4	40.4

Table 8. SHIPPER CLASS 203--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Electronic Components and Accessories

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	21.6	25.0	-	27.0
Highway facilities	84.8	83.3	100.0	77.3
Rail and highway facilities	8.2	8.3	-	15.0
Air facilities	91.1	91.7	100.0	81.1
Rail, highway, and air facilities	7.8	8.3	-	12.3
Water facilities	7.6	8.3	-	11.2
Rail, highway, air, and water facilities	.6	-	-	3.7

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 20.2 percent reported they did not have any of the above transportation facilities available.

Shipper Group 21

Electrical Products and Supplies

211 Electrical transmission and distribution equipment
212 Electrical industrial apparatus
213 Household appliances
214 Electric lighting and wiring equipment
215 Miscellaneous electrical machinery and supplies

SAMPLE SIZE

The sample for this shipper group consisted of 452 establishments, of which 437 were in scope and provided data from 60,252 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (15 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The five classes in Shipper Group 21 and their related SIC industries are as follows:

Shipper Class 211.--Electrical transmission and distribution equipment
- SIC 3611.--Electric measuring instruments and test equipment
- SIC 3612.--Power, distribution, and specialty transformers
- SIC 3613.--Switchgear and switchboard apparatus

Shipper Class 212.--Electrical industrial apparatus
- SIC 3621.--Motors and generators
- SIC 3622.--Industrial controls
- SIC 3623.--Welding apparatus
- SIC 3624.--Carbon and graphite products
- SIC 3629.--Electrical industrial apparatus, n.e.c.

Shipper Class 213.--Household appliances
- SIC 3631.--Household cooking equipment
- SIC 3632.--Household refrigerators and home and farm freezers
- SIC 3633.--Household laundry equipment
- SIC 3634.--Electric housewares and fans
- SIC 3635.--Household vacuum cleaners
- SIC 3636.--Sewing machines
- SIC 3639.--Household appliances, n.e.c.

Shipper Class 214.--Electric lighting and wiring equipment
- SIC 3641.--Electric lamps
- SIC 3642.--Lighting fixtures
- SIC 3643.--Current-carrying wiring devices
- SIC 3644.--Noncurrent-carrying wiring devices

Shipper Class 215.--Miscellaneous electrical machinery and supplies
- SIC 3691.--Storage batteries
- SIC 3692.--Primary batteries, dry and wet
- SIC 3693.--Radiographic X-ray, fluoroscopic X-ray, therapeutic X-ray, and other X-ray apparatus and tubes; electromedical and electrotherapeutic apparatus
- SIC 3694.--Electrical equipment for internal combustion engines
- SIC 3699.--Electrical machinery, equipment, and supplies, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
211–Electrical transmission and distribution equipment	3611,3612,3613,	3611,3612,3613
212–Electrical industrial apparatus	3621,3622,3623,3624,3629	3621,3622,3623,3624,3629
213–Household appliances	3631,3632,3633,3634, 3635,3636,3639	3631,3632,3633,3634, 3635,3636,3639
214–Electric lighting and wiring equipment	3641,3642,3643,3644	3641,3642,3643,3644
215–Miscellaneous electrical machinery and supplies	3691,3692,3693,3694,3699	3691,3692,3693,3694,3699

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 84 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total	
		Major commodities	Secondary commodities
Group 21	12,115	83.7	16.3
Class 211	1,636	86.7	13.3
Class 212	2,159	71.3	28.7
Class 213	4,077	85.9	14.1
Class 214	2,225	91.0	9.0
Class 215	2,018	82.0	18.0

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Electrical Products and Supplies Shipper Group shipped (beyond the local area) about 12,115,000 tons of commodities during 1967. Those shipments generated about 7 billion ton-miles by all means of transport combined, averaging about 595 straight-line miles per ton shipped.

As shown in table A, the Household Appliances Shipper Class dominates this group and accounts for one-third of the total tons. Shipper classes 212 (Electrical Industrial Apparatus), 214 (Electric Lighting and Wiring Equipment), and 215 (Miscellaneous Electrical Machinery and Supplies) each account for 18 percent of the total tons, and shipper class 211 (Electrical Transmission and Distribution Equipment) accounts for 13 percent.

Motor Carriers are the major means of transport for the shipper group and for each of the shipper classes except Household Appliances, where rails are dominant.

When measured in terms of ton-miles, rather than tons, rails become the principal means of transport for the shipper group as a whole because of longer hauls by rail than by motor carrier. Of the 7 billion ton-miles for the shipper group, rails account for 3.4 billion, motor carriers account for 3 billion, and private trucks account for 513 million.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 4 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Electrical Products and Supplies Shipper Group and each of the shipper classes for both years. An increase for the shipper group is indicated in the table, from 9.7 million tons in 1963 to 12.1 million tons in 1967. Increases are also indicated for each of the shipper classes.

As shown in table C, the relative distribution of tons by means of transport for the two years is stable for the shipper group and for shipper class 213 (Household Appliances). Shifts are indicated for the other shipper classes. In the Electric Lighting and Wiring Equipment Shipper Class, motor carriers and rails each show an increase in 1967. Shipper class 211 (Electrical Transmission and Distribution Equipment) shows an 8 percent increase for motor carriers. Shipper class 212 (Electrical Industrial Apparatus) shows a rather pronounced shift from motor carriers to private truck in 1967. Rails show a 6 percent decrease in shipper class 215 (Miscellaneous Electrical Machinery and Supplies).

The length of haul for each means of transport in 1967 tends to be similar to that shown for 1963 for the shipper group as a whole, as shown in table D. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 21: Electrical products and supplies	12,115	4,214	6,175	1,448	278
Shipper Classes:					
211. Electrical transmission and distribution equipment	1,636	384	1,057	171	24
212. Electrical industrial apparatus	2,159	490	1,233	350	86
213. Household appliances	4,077	2,658	1,236	129	54
214. Electric lighting and wiring equipment	2,225	487	1,424	258	56
215. Miscellaneous electrical machinery and supplies	2,018	195	1,224	540	59
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 21: Electrical products and supplies	7,208	3,372	3,076	513	247
Shipper Classes:					
211. Electrical transmission and distribution equipment	1,017	327	561	104	25
212. Electrical industrial apparatus	1,156	371	561	163	61
213. Household appliances	2,849	2,037	691	51	70
214. Electric lighting and wiring equipment	1,509	494	840	112	63
215. Miscellaneous electrical machinery and supplies	677	144	422	82	29

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 21: Electrical products and supplies	12,115	9,674	10,106
Shipper Classes:			
211. Electrical transmission and distribution equipment	1,636	1,078	1,085
212. Electrical industrial apparatus	2,159	1,800	1,804
213. Household appliances	4,077	3,502	3,512
214. Electric lighting and wiring equipment	2,225	1,904	2,291
215. Miscellaneous electrical machinery and supplies	2,018	1,390	1,414

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 21: Electrical products and supplies:					
1967	100.0	34.8	50.9	12.0	2.3
1963	100.0	34.0	49.5	13.4	3.1
Shipper Classes					
211. Electrical transmission and distribution equipment:					
1967	100.0	23.5	64.6	10.5	1.4
1963	100.0	23.9	56.2	15.8	4.1
212. Electrical industrial apparatus					
1967	100.0	22.7	57.0	16.2	4.1
1963	100.0	20.5	67.5	8.7	3.3
213. Household appliances:					
1967	100.0	65.3	30.3	3.2	1.2
1963	100.0	61.8	28.9	6.4	2.9
214. Electric lighting and wiring equipment:					
1967	100.0	21.9	64.1	11.6	2.4
1963	100.0	17.7	58.1	20.1	4.1
215. Miscellaneous electrical machinery and supplies:					
1967	100.0	9.6	60.6	26.8	3.0
1963	100.0	15.9	58.5	23.9	1.7
TON-MILES					
Shipper Group: Electrical products and supplies:					
1967	100.0	46.7	42.7	7.1	3.5
1963	100.0	48.4	39.5	7.4	4.7
Shipper Classes					
211. Electrical transmission and distribution equipment:					
1967	100.0	32.1	55.2	10.3	2.4
1963	100.0	44.0	35.9	15.2	4.9
212. Electrical industrial apparatus:					
1967	100.0	32.1	48.7	14.1	5.1
1963	100.0	35.2	56.6	4.1	4.1
213. Household appliances:					
1967	100.0	71.4	24.3	1.8	2.5
1963	100.0	73.2	20.1	3.0	3.7
214. Electric lighting and wiring equipment:					
1967	100.0	32.7	55.7	7.4	4.2
1963	100.0	26.8	57.4	8.5	7.3
215. Miscellaneous electrical machinery and supplies:					
1967	100.0	21.2	62.3	12.1	4.4
1963	100.0	18.5	59.0	20.0	2.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 21: Electrical products and supplies:				
1967	595	800	498	354
1963	593	844	473	327
SHIPPER CLASSES				
211. Electrical transmission and distribution equipment:				
1967	622	852	531	608
1963	755	1,390	482	725
212. Electrical industrial apparatus:				
1967	535	757	455	466
1963	514	884	431	242
213. Household appliances:				
1967	699	766	559	395
1963	684	810	476	320
214. Electric lighting and wiring equipment:				
1967	678	1,014	590	434
1963	590	892	583	250
215. Miscellaneous electrical machinery and supplies:				
1967	335	738	345	152
1963	345	400	348	290

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 21: Electrical Products and Supplies

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	35.0	50.6	12.0	2.4
1963	100.0	37.8	48.7	10.6	2.9
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	14.3	59.3	24.7	1.7
1963	100.0	18.9	58.7	19.6	2.8
200 to 399 miles:					
1967	100.0	24.0	62.0	12.7	1.3
1963	100.0	21.8	61.4	15.4	1.4
400 to 599 miles:					
1967	100.0	43.2	46.5	6.9	3.4
1963	100.0	43.9	50.7	4.1	1.3
600 to 999 miles:					
1967	100.0	43.1	47.8	6.5	2.6
1963	100.0	56.3	37.0	3.2	3.5
1,000 miles and over:					
1967	100.0	61.8	29.2	5.4	3.6
1963	100.0	61.6	27.4	5.4	5.6
WEIGHT					
Under 1,000 pounds:					
1967	100.0	2.7	81.6	7.8	7.9
1963	100.0	3.9	79.5	5.4	11.2
1,000 to 9,999 pounds:					
1967	100.0	4.0	75.4	18.2	2.4
1963	100.0	4.1	78.4	12.9	4.6
10,000 to 19,999 pounds:					
1967	100.0	56.1	31.2	11.8	.9
1963	100.0	47.8	36.9	13.6	1.7
20,000 pounds and over:					
1967	100.0	45.7	42.2	10.2	1.9
1963	100.0	55.2	34.6	9.5	.7

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 21: Electrical Products and Supplies

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	34.8	50.9	12.0	2.3
1963	100.0	34.0	49.5	13.4	3.1
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	.7	95.0	2.6	1.7
20 to 99 employees:					
1967	100.0	1.8	55.5	36.8	5.9
1963	100.0	1.0	51.4	41.8	5.8
100 to 499 employees:					
1967	100.0	28.7	56.8	12.7	1.8
1963	100.0	17.2	55.5	23.8	3.5
500 employees and over:					
1967	100.0	40.1	47.8	9.8	2.3
1963	100.0	46.7	43.9	6.5	2.9

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 21: Electrical Products and Supplies

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	34.8	50.9	12.0	2.3
1963	100.0	34.0	49.5	13.4	3.1
New England:					
1967	100.0	18.3	64.4	14.1	3.2
1963	100.0	8.7	61.3	20.8	9.2
Middle Atlantic:					
1967	100.0	22.7	59.9	13.5	3.9
1963	100.0	22.3	63.6	10.0	4.1
East North Central:					
1967	100.0	35.9	51.1	11.5	1.5
1963	100.0	39.7	42.4	15.2	2.7
West North Central:					
1967	100.0	45.2	47.5	4.1	3.2
1963	100.0	37.3	52.9	6.8	3.0

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 21: ELECTRICAL PRODUCTS AND SUPPLIES		
Total shipments	12,115	11.2
Shipments by--		
Rail	4,214	17.8
Motor carrier	6,175	10.8
Private truck	1,448	10.6
All other	278	-
Shipments from--		
New England Division	709	25.6
Middle Atlantic Division	2,717	12.2
East North Central Division	5,331	10.4
West North Central Division	1,014	18.0
South Atlantic Division	501	28.8
East South Central Division	555	41.6
Pacific Division	220	25.6
Balance of United States	1,068	-
SHIPPER CLASS 211: ELECTRICAL TRANSMISSION AND DISTRIBUTION EQUIPMENT		
Total shipments	1,636	12.4
Shipments by--		
Rail	384	14.4
Motor carrier	1,057	15.8
Private truck	171	19.2
All other	24	-
Shipments from--		
Middle Atlantic Division	718	13.0
East North Central Division	425	33.8
Balance of United States	493	-
SHIPPER CLASS 212: ELECTRICAL INDUSTRIAL APPARATUS		
Total shipments	2,159	17.8
Shipments by--		
Rail	490	35.8
Motor carrier	1,233	15.4
Private truck	350	21.6
All other	86	-
Shipments from--		
New England Division	50	30.2
Middle Atlantic Division	752	27.2
East North Central Division	831	11.6
West North Central Division	150	40.0
South Atlantic Division	164	76.6
Balance of United States	212	-
SHIPPER CLASS 213: HOUSEHOLD APPLIANCES		
Total shipments	4,077	28.2
Shipments by--		
Rail	2,658	28.0
Motor carrier	1,236	32.2
Private truck	129	18.0
All other	54	-
Shipments from--		
New England Division	59	29.6
Middle Atlantic Division	109	23.8
East North Central Division	2,375	12.0
West North Central Division	454	8.2
East South Central Division	107	38.0
Pacific Division	71	44.0
Balance of United States	902	-
SHIPPER CLASS 214: ELECTRIC LIGHTING AND WIRING EQUIPMENT		
Total shipments	2,225	16.8
Shipments by--		
Rail	487	27.6
Motor carrier	1,424	17.0
Private truck	258	39.6
All other	56	-
Shipments from--		
New England Division	355	45.6
Middle Atlantic Division	814	35.0
East North Central Division	467	20.2
West North Central Division	182	61.4
South Atlantic Division	133	35.2
Pacific Division	63	34.0
Balance of United States	211	-
SHIPPER CLASS 215: MISCELLANEOUS ELECTRICAL MACHINERY AND SUPPLIES		
Total shipments	2,018	21.6
Shipments by--		
Rail	195	19.2
Motor carrier	1,224	30.0
Private truck	540	22.2
All other	59	-
Shipments from--		
Middle Atlantic Division	324	45.0
East North Central Division	1,234	31.8
South Atlantic Division	126	62.2
Balance of United States	334	-

TABLE 1. SHIPPER GROUP 21--Percent Distribution of Distance, by Means of Transport: 1967

Electrical Products and Supplies

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	12,115	100.0	34.8	50.9	12.0	0.3	0.2	1.7	0.1
Under 50 miles	653	100.0	13.0	40.5	44.5	.1	.1	1.8	-
50 to 99 miles	758	100.0	16.3	61.0	21.0	.1	.9	.6	.1
100 to 199 miles	1,321	100.0	15.1	65.6	17.7	.3	-	1.3	-
200 to 299 miles	1,726	100.0	21.9	62.6	14.1	.1	-	1.2	.1
300 to 399 miles	1,166	100.0	26.4	61.5	11.0	.2	-	.7	.2
400 to 499 miles	1,219	100.0	36.5	51.0	7.1	.2	-	5.2	-
500 to 599 miles	904	100.0	51.4	41.2	6.6	.2	-	.6	-
600 to 799 miles	1,273	100.0	45.1	43.9	9.1	.5	-	1.4	-
800 to 999 miles	1,190	100.0	40.0	54.4	2.7	.2	-	2.7	-
1,000 to 1,199 miles	528	100.0	62.4	34.0	2.1	.3	.2	.9	.1
1,200 to 1,499 miles	348	100.0	64.5	26.5	7.8	.4	-	.7	.1
1,500 to 1,999 miles	551	100.0	68.0	25.0	3.8	.8	-	2.2	.2
2,000 miles and over	478	100.0	48.5	36.6	8.0	1.0	3.2	2.7	-
TON-MILES	(millions of ton-miles)								
Total	7,208	100.0	46.7	42.7	7.1	.5	.9	2.0	.1
Under 50 miles	18	100.0	11.9	40.5	46.0	.1	-	1.5	-
50 to 99 miles	57	100.0	15.6	61.1	21.5	.1	1.1	.5	.1
100 to 199 miles	199	100.0	15.8	66.0	16.6	.3	-	1.3	-
200 to 299 miles	423	100.0	22.1	62.0	14.4	.1	-	1.3	.1
300 to 399 miles	403	100.0	26.7	61.5	10.7	.2	-	.7	.2
400 to 499 miles	538	100.0	36.7	50.6	7.2	.2	-	5.3	-
500 to 599 miles	502	100.0	51.6	41.1	6.5	.2	-	.6	-
600 to 799 miles	883	100.0	45.0	43.8	9.3	.5	-	1.4	-
800 to 999 miles	1,044	100.0	41.1	53.2	2.7	.2	-	2.8	-
1,000 to 1,199 miles	573	100.0	62.5	33.9	2.1	.3	.2	.9	.1
1,200 to 1,499 miles	466	100.0	64.7	26.2	7.9	.4	-	.7	.1
1,500 to 1,999 miles	966	100.0	68.2	24.7	3.9	.8	-	2.2	.2
2,000 miles and over	1,136	100.0	46.5	36.8	7.6	1.0	5.5	2.6	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 21--Percent Distribution of Weight, by Means of Transport: 1967

Electrical Products and Supplies

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	11,348	100.0	35.0	50.6	12.0	2.4
Under 1,000 pounds	1,136	100.0	2.7	81.6	7.8	7.9
Under 50 pounds	60	100.0	4.4	42.5	4.6	48.5
50 to 99 pounds	72	100.0	2.8	71.2	6.5	19.5
100 to 199 pounds	166	100.0	1.8	84.7	5.9	7.6
200 to 499 pounds	424	100.0	2.4	85.4	7.0	5.2
500 to 999 pounds	414	100.0	3.2	83.8	10.1	2.9
1,000 to 9,999 pounds	2,357	100.0	4.0	75.4	18.2	2.4
1,000 to 1,999 pounds	587	100.0	2.5	78.7	16.5	2.3
2,000 to 2,999 pounds	381	100.0	2.0	77.6	17.9	2.5
3,000 to 3,999 pounds	265	100.0	5.1	81.4	11.8	1.7
4,000 to 4,999 pounds	251	100.0	4.7	72.6	20.3	2.4
5,000 to 9,999 pounds	873	100.0	5.5	71.1	20.7	2.7
10,000 to 29,999 pounds	4,555	100.0	57.9	30.7	10.6	.8
10,000 to 19,999 pounds	2,421	100.0	56.1	31.2	11.8	.9
20,000 to 29,999 pounds	2,134	100.0	59.9	30.1	9.3	.7
30,000 to 59,999 pounds	2,211	100.0	25.7	55.5	14.9	3.9
30,000 to 39,999 pounds	1,249	100.0	23.8	57.7	14.2	4.3
40,000 to 49,999 pounds	796	100.0	20.2	58.0	17.7	4.1
50,000 to 59,999 pounds	166	100.0	66.4	27.0	6.2	.4
60,000 to 89,999 pounds	360	100.0	58.4	39.6	1.6	.4
60,000 to 69,999 pounds	169	100.0	62.7	34.7	2.2	.4
70,000 to 79,999 pounds	63	100.0	54.2	41.5	3.1	1.2
80,000 to 89,999 pounds	128	100.0	54.7	45.3	-	-
90,000 pounds and over	729	100.0	58.3	38.4	3.3	-
TON-MILES	(millions of ton-miles)					
Total	6,628	100.0	47.5	41.3	7.5	3.7
Under 1,000 pounds	659	100.0	5.6	76.3	6.7	11.4
Under 50 pounds	42	100.0	7.1	35.1	3.2	54.6
50 to 99 pounds	47	100.0	5.4	65.1	4.5	24.1
100 to 199 pounds	99	100.0	3.8	79.7	5.5	11.0
200 to 499 pounds	233	100.0	5.4	81.3	6.0	7.3
500 to 999 pounds	238	100.0	6.3	79.3	8.7	5.7
1,000 to 9,999 pounds	1,184	100.0	8.3	72.9	13.9	4.9
1,000 to 1,999 pounds	310	100.0	4.3	74.8	15.9	5.0
2,000 to 2,999 pounds	188	100.0	4.8	76.8	12.6	5.8
3,000 to 3,999 pounds	126	100.0	11.4	79.3	6.7	2.6
4,000 to 4,999 pounds	130	100.0	7.7	69.9	17.1	5.3
5,000 to 9,999 pounds	430	100.0	12.0	69.1	14.1	4.8
10,000 to 29,999 pounds	2,848	100.0	72.4	21.5	4.9	1.2
10,000 to 19,999 pounds	1,468	100.0	69.0	22.9	6.4	1.7
20,000 to 29,999 pounds	1,380	100.0	75.8	20.1	3.4	.7
30,000 to 59,999 pounds	1,194	100.0	43.7	40.0	10.6	5.7
30,000 to 39,999 pounds	667	100.0	42.9	40.2	9.9	7.0
40,000 to 49,999 pounds	406	100.0	33.5	47.0	14.5	5.0
50,000 to 59,999 pounds	121	100.0	82.5	16.0	1.3	.2
60,000 to 89,999 pounds	235	100.0	70.5	26.3	.5	2.7
60,000 to 69,999 pounds	105	100.0	76.2	19.9	.9	3.0
70,000 to 79,999 pounds	24	100.0	62.9	22.3	1.0	13.8
80,000 to 89,999 pounds	106	100.0	66.4	33.6	-	-
90,000 pounds and over	508	100.0	53.9	42.5	3.6	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 21--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Electrical Products and Supplies

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	11,348	100.0	35.0	50.6	12.0	2.4
Under 200 miles	2,526	100.0	14.3	59.3	24.7	1.7
Under 1,000 pounds	327	100.0	.2	81.8	12.8	5.2
1,000 to 9,999 pounds	727	100.0	.4	68.1	30.0	1.5
10,000 to 29,999 pounds	738	100.0	24.0	43.5	31.5	1.0
30,000 to 59,999 pounds	536	100.0	8.9	65.4	24.1	1.6
60,000 to 89,999 pounds	79	100.0	39.1	58.4	2.5	-
90,000 pounds and over	119	100.0	86.6	13.4	-	-
200 to 399 miles	2,749	100.0	24.0	62.0	12.7	1.3
Under 1,000 pounds	257	100.0	.7	88.5	4.7	6.1
1,000 to 9,999 pounds	623	100.0	.8	83.3	13.3	2.6
10,000 to 29,999 pounds	1,053	100.0	36.5	47.4	15.6	.5
30,000 to 59,999 pounds	607	100.0	16.4	69.1	14.4	.1
60,000 to 89,999 pounds	81	100.0	61.5	33.9	4.6	-
90,000 pounds and over	128	100.0	92.8	7.2	-	-
400 to 599 miles	2,096	100.0	43.2	46.5	6.9	3.4
Under 1,000 pounds	149	100.0	2.3	84.5	5.7	7.5
1,000 to 9,999 pounds	356	100.0	5.9	82.0	11.3	.8
10,000 to 29,999 pounds	934	100.0	66.3	29.0	4.0	.7
30,000 to 59,999 pounds	498	100.0	25.3	52.3	11.9	10.5
60,000 to 89,999 pounds	68	100.0	66.9	33.1	-	-
90,000 pounds and over	91	100.0	98.4	1.6	-	-
600 to 999 miles	2,239	100.0	43.1	47.8	6.5	2.6
Under 1,000 pounds	213	100.0	5.0	78.8	6.4	9.8
1,000 to 9,999 pounds	376	100.0	8.3	76.0	13.3	2.4
10,000 to 29,999 pounds	1,004	100.0	75.5	20.4	3.2	.9
30,000 to 59,999 pounds	267	100.0	38.0	45.1	10.1	6.8
60,000 to 89,999 pounds	73	100.0	43.1	56.9	-	-
90,000 pounds and over	306	100.0	10.6	81.7	7.7	-
1,000 miles and over	1,738	100.0	61.8	29.2	5.4	3.6
Under 1,000 pounds	190	100.0	7.7	72.5	6.8	13.0
1,000 to 9,999 pounds	275	100.0	12.6	67.2	13.5	6.7
10,000 to 29,999 pounds	826	100.0	84.3	12.3	2.2	1.2
30,000 to 59,999 pounds	303	100.0	64.4	24.5	8.6	2.5
60,000 to 89,999 pounds	60	100.0	88.3	9.4	-	2.3
90,000 pounds and over	84	100.0	96.3	3.7	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	6,628	100.0	47.5	41.3	7.5	3.7
Under 200 miles	253	100.0	15.2	64.7	18.5	1.6
Under 1,000 pounds	32	100.0	.2	86.0	9.1	4.7
1,000 to 9,999 pounds	73	100.0	.6	75.4	22.2	1.8
10,000 to 29,999 pounds	72	100.0	27.0	47.8	24.7	.5
30,000 to 59,999 pounds	55	100.0	8.6	71.8	17.8	1.8
60,000 to 89,999 pounds	8	100.0	35.4	61.7	2.9	-
90,000 pounds and over	13	100.0	85.3	14.7	-	-
200 to 399 miles	786	100.0	24.5	61.6	12.5	1.4
Under 1,000 pounds	75	100.0	.8	88.2	4.6	6.4
1,000 to 9,999 pounds	179	100.0	.8	83.6	13.1	2.5
10,000 to 29,999 pounds	303	100.0	38.2	46.5	14.9	.4
30,000 to 59,999 pounds	170	100.0	15.9	69.0	15.0	.1
60,000 to 89,999 pounds	23	100.0	63.8	32.3	3.9	-
90,000 pounds and over	36	100.0	91.9	8.1	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 21--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Electrical Products and Supplies

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	1,026	100.0	44.3	45.6	6.9	3.2
Under 1,000 pounds	73	100.0	2.4	84.1	6.0	7.5
1,000 to 9,999 pounds	173	100.0	6.4	81.4	11.4	.8
10,000 to 29,999 pounds	473	100.0	66.7	28.6	4.0	.7
30,000 to 59,999 pounds	228	100.0	25.7	51.9	12.1	10.3
60,000 to 89,999 pounds	34	100.0	69.8	30.2	-	-
90,000 pounds and over	45	100.0	98.5	1.5	-	-
600 to 999 miles	1,744	100.0	43.4	47.5	6.3	2.8
Under 1,000 pounds	164	100.0	5.0	78.6	6.5	9.9
1,000 to 9,999 pounds	284	100.0	8.4	75.9	13.2	2.5
10,000 to 29,999 pounds	778	100.0	76.1	20.1	2.9	.9
30,000 to 59,999 pounds	212	100.0	38.3	43.9	9.8	8.0
60,000 to 89,999 pounds	57	100.0	49.1	50.9	-	-
90,000 pounds and over	249	100.0	9.8	82.9	7.3	-
1,000 miles and over	2,819	100.0	60.7	28.1	6.0	5.2
Under 1,000 pounds	314	100.0	8.3	69.5	7.1	15.1
1,000 to 9,999 pounds	475	100.0	12.9	63.8	14.2	9.1
10,000 to 29,999 pounds	1,223	100.0	83.1	12.0	3.0	1.9
30,000 to 59,999 pounds	530	100.0	66.3	20.8	8.0	4.9
60,000 to 89,999 pounds	112	100.0	85.6	8.7	-	5.7
90,000 pounds and over	165	100.0	97.6	2.4	-	-

[1] Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 21--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Electrical Products and Supplies

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	12,115	100.0	34.8	50.9	12.0	0.3	0.2	1.7	0.1
New England	709	100.0	18.3	64.4	14.1	1.2	.5	1.5	-
Middle Atlantic	2,717	100.0	22.7	59.9	13.5	.2	.1	3.6	-
East North Central	5,331	100.0	35.9	51.1	11.5	.3	.2	.9	.1
West North Central	1,014	100.0	45.2	47.5	4.1	.1	.5	2.6	-
South Atlantic	501	100.0	25.9	47.8	24.6	.3	.1	1.2	.1
East South Central	555	100.0	31.0	49.8	18.8	.1	-	.3	-
Pacific[1]	220	100.0	7.4	68.6	20.4	1.2	1.3	.7	.4
Balance of United States[2]	1,068	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	7,208	100.0	46.7	42.7	7.1	.5	.9	2.0	.1
New England	703	100.0	31.4	58.0	6.8	.8	1.6	1.4	-
Middle Atlantic	1,449	100.0	31.8	54.2	9.1	.5	.4	4.0	-
East North Central	2,858	100.0	50.7	40.0	6.7	.4	.7	1.4	.1
West North Central	651	100.0	58.0	35.5	1.1	.1	2.9	2.4	-
South Atlantic	261	100.0	39.9	42.1	12.9	.6	.1	4.4	-
East South Central	338	100.0	38.4	49.3	11.9	.2	-	.2	-
Pacific[1]	178	100.0	11.4	64.3	15.2	2.9	4.3	1.0	.9
Balance of United States[2]	770	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER GROUP 21--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Electrical Products and Supplies

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	12,115	12,115	519	2,257	3,891	1,108	1,515	621	853	335	1,016
Ton-miles.....millions..	7,208	7,208	305	1,018	1,231	519	858	271	707	430	1,869
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	12,115	100.0	4.3	18.6	32.2	9.1	12.5	5.1	7.0	2.8	8.4
SShipments from--											
New England.....	709	100.0	13.5	19.1	25.7	3.7	10.3	1.3	4.6	2.0	19.8
Middle Atlantic.....	2,717	100.0	5.9	28.7	26.2	5.6	16.5	5.1	4.2	1.9	5.9
East North Central.....	5,331	100.0	2.9	16.6	39.4	9.7	9.7	4.9	6.6	2.9	7.3
West North Central.....	1,014	100.0	2.5	11.0	27.9	18.0	10.5	4.2	14.2	5.1	6.6
South Atlantic.....	501	100.0	2.5	25.9	15.6	6.0	25.2	9.4	6.3	2.6	6.5
East South Central.....	555	100.0	1.3	14.8	27.4	12.7	11.3	16.0	5.2	4.1	7.2
Pacific[2].....	220	100.0	3.7	3.5	6.8	3.7	3.0	2.0	13.2	9.6	54.5
Balance of U.S.[3].....	1,068	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	7,208	100.0	4.2	14.1	17.1	7.2	11.9	3.8	9.8	6.0	25.9
Shipments from--											
New England.....	703	100.0	1.2	3.8	19.5	4.1	8.1	1.2	6.8	3.6	51.7
Middle Atlantic.....	1,449	100.0	3.0	7.5	20.6	7.8	12.9	6.9	9.6	6.1	25.6
East North Central.....	2,858	100.0	3.9	18.1	12.7	7.9	10.6	3.3	10.6	6.9	26.0
West North Central.....	651	100.0	4.3	15.8	16.0	6.1	13.9	3.4	15.7	7.7	17.1
South Atlantic.....	261	100.0	3.5	15.1	11.6	8.2	11.7	4.6	10.3	8.4	26.6
East South Central.....	338	100.0	1.9	20.6	19.3	9.5	8.0	5.0	4.8	8.7	22.2
Pacific[2].....	178	100.0	11.4	10.4	15.7	6.7	8.0	4.6	21.3	6.0	15.9
Balance of U.S.[3].....	770	-	-	-	-	-	-	-	-	-	-

[1]Shipments to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER GROUP 21--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Electrical Products and Supplies

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	12,115	100.0	34.8	50.9	12.0	0.3	0.2	1.7	0.1
New England, total	709	100.0	18.3	64.4	14.1	1.2	.5	1.5	-
Shipments to--									
New England	95	100.0	-	56.3	42.4	.4	.1	.8	-
Middle Atlantic	136	100.0	7.3	71.0	16.1	3.0	1.0	1.6	-
East North Central	182	100.0	9.3	80.4	7.4	1.0	-	1.9	-
West North Central	27	100.0	56.2	32.5	7.4	1.4	-	2.5	-
South Atlantic	73	100.0	14.4	75.5	7.6	.6	-	1.9	-
East South Central	9	100.0	8.2	76.0	10.5	2.6	-	2.3	.4
West South Central	33	100.0	34.2	20.7	41.7	.5	-	2.9	-
Pacific	141	100.0	44.6	51.2	1.3	.6	1.6	.7	-
Middle Atlantic, total	2,717	100.0	22.7	59.9	13.5	.2	.1	3.6	-
Shipments to--									
New England	159	100.0	10.2	68.0	17.9	-	-	3.9	-
Middle Atlantic	780	100.0	13.6	68.9	16.2	.1	.1	1.1	-
East North Central	713	100.0	21.8	54.6	14.1	.2	-	9.3	-
West North Central	153	100.0	33.5	62.3	2.3	.3	-	1.5	.1
South Atlantic	449	100.0	22.6	60.8	15.8	.1	-	.7	-
East South Central	139	100.0	27.1	53.9	17.6	.1	-	1.3	-
West South Central	113	100.0	34.5	60.6	2.7	.6	-	1.6	-
Mountain	51	100.0	61.0	33.4	1.0	1.0	-	3.6	-
Pacific	160	100.0	48.2	40.6	5.9	1.2	.9	3.2	-
East North Central, total	5,331	100.0	35.9	51.1	11.5	.3	.2	.9	.1
Shipments to--									
New England	153	100.0	47.2	39.8	11.1	.9	-	1.0	-
Middle Atlantic	883	100.0	32.0	62.0	4.6	.4	-	.9	.1
East North Central	2,109	100.0	14.8	64.3	20.0	.1	.3	.4	.1
West North Central	515	100.0	45.1	49.2	4.7	.1	-	.9	-
South Atlantic	518	100.0	56.0	40.1	2.6	.5	-	.5	.3
East South Central	263	100.0	43.0	37.3	18.7	.1	-	.9	-
West South Central	350	100.0	61.5	30.8	3.9	.2	-	3.5	.1
Mountain	153	100.0	82.0	16.4	.1	.1	-	1.2	.2
Pacific	387	100.0	71.0	16.0	9.1	.7	1.1	2.1	-
West North Central, total	1,014	100.0	45.2	47.5	4.1	.1	.5	2.6	-
Shipments to--									
Middle Atlantic	111	100.0	53.1	34.8	.2	.2	-	11.7	-
East North Central	282	100.0	27.8	69.0	3.0	.1	-	.1	-
West North Central	183	100.0	22.0	54.9	16.8	.1	-	6.2	-
South Atlantic	106	100.0	62.5	37.2	-	-	-	.3	-
West South Central	144	100.0	56.4	42.6	-	-	.7	.3	-
Pacific	67	100.0	70.3	22.4	-	.1	6.8	.4	-
East South Central, total	555	100.0	31.0	49.8	18.8	.1	-	.3	-
Shipments to--									
Middle Atlantic	82	100.0	25.5	66.1	8.0	.1	-	.3	-
East North Central	152	100.0	19.4	55.6	24.6	.1	-	.3	-
South Atlantic	63	100.0	43.0	48.9	7.7	.1	-	.3	-
East South Central	89	100.0	27.3	52.6	19.9	-	-	.2	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 21--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Electrical Products and Supplies

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
U.S. total	7,208	100.0	46.7	42.7	7.1	0.5	0.9	2.0	0.1
New England, total	703	100.0	31.4	58.0	6.8	.8	1.6	1.4	-
Shipments to--									
New England	8	100.0	-	43.1	55.5	.3	.1	1.0	-
Middle Atlantic	27	100.0	11.2	70.8	13.0	2.7	.4	1.9	-
East North Central	137	100.0	7.8	82.7	6.7	.9	-	1.9	-
West North Central	29	100.0	56.5	31.6	7.9	1.3	-	2.7	-
South Atlantic	57	100.0	14.3	77.6	5.9	.6	-	1.6	-
East South Central	8	100.0	7.4	74.6	12.5	2.6	-	2.5	.4
West South Central	47	100.0	36.5	21.8	38.0	.5	-	3.2	-
Pacific	364	100.0	43.6	50.6	1.3	.6	3.1	.8	-
Middle Atlantic, total	1,449	100.0	31.8	54.2	9.1	.5	.4	4.0	-
Shipments to--									
New England	44	100.0	14.3	65.6	17.7	.1	-	2.3	-
Middle Atlantic	108	100.0	17.1	70.8	11.0	.2	-	.9	-
East North Central	298	100.0	17.4	58.4	13.5	.2	-	10.5	-
West North Central	113	100.0	31.6	63.1	2.9	.3	-	2.0	.1
South Atlantic	187	100.0	25.3	61.4	12.0	.2	-	1.1	-
East South Central	100	100.0	23.5	55.7	19.0	.2	-	1.6	-
West South Central	139	100.0	34.0	60.4	3.2	.7	-	1.7	-
Mountain	88	100.0	60.8	33.3	.9	1.0	-	4.0	-
Pacific	372	100.0	47.5	40.3	5.9	1.2	1.7	3.4	-
East North Central, total	2,858	100.0	50.7	40.0	6.7	.4	.7	1.4	.1
Shipments to--									
New England	112	100.0	46.7	39.7	11.4	1.0	-	1.1	.1
Middle Atlantic	518	100.0	27.8	66.3	4.4	.4	-	1.0	.1
East North Central	363	100.0	13.7	73.0	12.5	.1	.1	.4	.2
West North Central	226	100.0	49.5	45.3	4.4	.1	-	.7	-
South Atlantic	302	100.0	58.8	37.9	2.0	.5	-	.6	.2
East South Central	93	100.0	44.0	41.9	12.8	.1	-	1.2	-
West South Central	304	100.0	62.9	29.5	3.6	.2	-	3.6	.2
Mountain	198	100.0	83.0	15.1	.1	.1	-	1.5	.2
Pacific	742	100.0	69.8	15.4	9.6	.7	2.6	1.9	-
West North Central, total	651	100.0	58.0	35.5	1.1	.1	2.9	2.4	-
Shipments to--									
Middle Atlantic	103	100.0	52.2	35.1	.2	.2	-	12.3	-
East North Central	104	100.0	32.0	65.2	2.6	.1	-	.1	-
West North Central	40	100.0	34.2	52.7	8.8	.2	-	4.1	-
South Atlantic	90	100.0	68.2	31.5	-	-	-	.3	-
West South Central	102	100.0	64.5	34.1	-	.1	1.0	.3	-
Pacific	112	100.0	63.2	20.0	-	.1	16.3	.4	-
East South Central, total	338	100.0	38.4	49.3	11.9	.2	-	.2	-
Shipments to--									
Middle Atlantic	70	100.0	17.5	76.1	6.1	.1	-	.2	-
East North Central	65	100.0	18.7	55.6	25.3	.1	-	.3	-
South Atlantic	27	100.0	44.6	48.8	6.2	.1	-	.3	-
East South Central	17	100.0	26.9	54.0	18.9	-	-	.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 21--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Electrical Products and Supplies

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	12,115	563	3,727	7,825	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	7,208	258	2,043	4,907
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	34.8	1.8	28.7	40.1	46.7	4.4	44.3	50.0
Motor carrier.....	50.9	55.5	56.8	47.8	42.7	50.5	47.4	40.3
Private truck.....	12.0	36.8	12.7	9.8	7.1	36.8	5.5	6.2
Air.....	.3	.8	.2	.3	.5	1.7	.5	.4
Water.....	.2	.3	.1	.2	.9	1.3	.4	1.1
Other.....	1.7	4.6	1.5	1.7	2.0	5.0	1.9	1.9
Unknown.....	.1	.2	-	.1	.1	.3	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	11.6	30.0	11.2	10.5	1.0	3.7	1.1	.9
100 to 199 miles.....	10.9	13.6	12.1	10.1	2.8	4.6	3.3	2.5
200 to 299 miles.....	14.2	15.6	16.3	13.2	5.9	8.3	7.3	5.2
300 to 399 miles.....	9.6	9.5	9.2	9.8	5.6	7.1	5.7	5.4
400 to 499 miles.....	10.1	3.8	10.0	10.6	7.5	3.7	7.9	7.5
500 to 999 miles.....	27.9	15.8	25.7	29.7	33.7	25.8	33.5	34.2
1,000 miles and over.....	15.7	11.7	15.5	16.1	43.5	46.8	41.2	44.3

Table 8. SHIPPER GROUP 21--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Electrical Products and Supplies

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	23.5	5.8	36.9	69.4
Highway facilities.....	91.3	97.5	83.8	83.5
Rail and highway facilities.....	19.3	5.8	29.6	54.4
Air facilities.....	86.3	88.9	84.2	79.6
Rail, highway, and air facilities.....	16.2	4.7	25.2	45.3
Water facilities.....	24.6	28.9	19.9	17.3
Rail, highway, air, and water facilities.	3.0	.8	4.8	8.2

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 2.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 211--Percent Distribution of Distance, by Means of Transport: 1967

Electrical Transmission and Distribution Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,636	100.0	23.5	64.5	10.5	0.5	0.1	0.8	-
Under 50 miles	44	100.0	25.9	65.2	7.9	.3	-	.7	-
50 to 99 miles	123	100.0	32.8	65.8	.9	.2	-	.3	-
100 to 199 miles	119	100.0	12.3	79.2	7.1	.1	.4	.8	0.1
200 to 299 miles	247	100.0	26.5	56.0	16.4	.6	-	.5	-
300 to 399 miles	186	100.0	15.7	76.1	7.6	.1	-	.5	-
400 to 499 miles	173	100.0	15.5	74.8	9.0	.3	-	.4	-
500 to 599 miles	172	100.0	18.1	67.4	13.7	.1	-	.7	-
600 to 799 miles	205	100.0	17.9	68.8	11.8	.3	-	1.2	-
800 to 999 miles	123	100.0	21.2	60.6	15.7	.9	-	1.5	.1
1,000 to 1,199 miles	55	100.0	6.8	85.9	5.0	.6	-	1.7	-
1,200 to 1,499 miles	29	100.0	30.9	36.0	28.6	1.8	-	2.7	-
1,500 to 1,999 miles	69	100.0	43.8	43.4	10.1	1.1	-	1.5	.1
2,000 miles and over	91	100.0	65.7	27.0	3.2	1.9	1.0	1.2	-
TON-MILES	(millions of ton-miles)								
Total	1,017	100.0	32.1	55.2	10.3	.9	.4	1.1	-
Under 50 miles	1	100.0	25.5	64.7	8.8	.3	-	.7	-
50 to 99 miles	9	100.0	26.3	72.4	.8	.2	-	.3	-
100 to 199 miles	17	100.0	12.8	79.0	6.6	.2	.4	.9	.1
200 to 299 miles	65	100.0	26.9	55.5	16.6	.5	-	.5	-
300 to 399 miles	65	100.0	15.4	76.5	7.5	.1	-	.5	-
400 to 499 miles	77	100.0	15.2	75.1	9.0	.3	-	.4	-
500 to 599 miles	94	100.0	18.2	67.6	13.4	.1	-	.7	-
600 to 799 miles	141	100.0	18.2	68.5	11.8	.3	-	1.2	-
800 to 999 miles	111	100.0	20.9	60.8	15.8	.9	-	1.5	.1
1,000 to 1,199 miles	59	100.0	7.0	85.9	4.9	.6	-	1.6	-
1,200 to 1,499 miles	41	100.0	30.5	34.8	30.3	1.8	-	2.6	-
1,500 to 1,999 miles	119	100.0	44.1	42.8	10.3	1.2	-	1.5	.1
2,000 miles and over	218	100.0	67.7	24.3	2.9	2.0	1.9	1.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 211--Percent Distribution of Weight, by Means of Transport: 1967

Electrical Transmission and Distribution Equipment

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,599	100.0	24.0	63.9	10.7	1.4
Under 1,000 pounds	141	100.0	3.4	72.1	9.8	14.7
Under 50 pounds	17	100.0	4.3	39.1	3.2	53.4
50 to 99 pounds	15	100.0	4.7	61.7	6.4	27.2
100 to 199 pounds	20	100.0	3.6	77.1	6.3	13.0
200 to 499 pounds	45	100.0	3.3	78.3	9.3	9.1
500 to 999 pounds	44	100.0	2.5	79.7	15.3	2.5
1,000 to 9,999 pounds	366	100.0	3.1	87.0	9.4	.5
1,000 to 1,999 pounds	71	100.0	3.6	80.1	15.3	1.0
2,000 to 2,999 pounds	55	100.0	1.2	90.5	7.2	1.1
3,000 to 3,999 pounds	47	100.0	3.6	92.2	3.4	.8
4,000 to 4,999 pounds	48	100.0	4.9	79.3	15.8	-
5,000 to 9,999 pounds	145	100.0	2.8	89.8	7.2	.2
10,000 to 29,999 pounds	366	100.0	16.6	69.5	13.9	-
10,000 to 19,999 pounds	134	100.0	10.5	71.7	17.8	-
20,000 to 29,999 pounds	232	100.0	20.2	68.2	11.6	-
30,000 to 59,999 pounds	488	100.0	27.5	58.1	14.4	-
30,000 to 39,999 pounds	285	100.0	20.7	63.1	16.2	-
40,000 to 49,999 pounds	172	100.0	29.0	58.8	12.2	-
50,000 to 59,999 pounds	31	100.0	81.3	9.3	9.4	-
60,000 to 89,999 pounds	86	100.0	37.2	60.5	2.3	-
60,000 to 69,999 pounds	50	100.0	45.3	54.7	-	-
70,000 to 79,999 pounds	6	100.0	33.2	33.0	33.8	-
80,000 to 89,999 pounds	30	100.0	24.5	75.5	-	-
90,000 pounds and over	152	100.0	92.7	7.3	-	-
TON-MILES	(millions of ton-miles)					
Total	997	100.0	32.8	54.3	10.5	2.4
Under 1,000 pounds	88	100.0	8.2	58.0	11.5	22.3
Under 50 pounds	13	100.0	10.3	26.2	3.6	59.9
50 to 99 pounds	11	100.0	8.6	49.3	4.7	37.4
100 to 199 pounds	13	100.0	5.7	65.5	7.7	21.1
200 to 499 pounds	24	100.0	8.3	63.5	12.2	16.0
500 to 999 pounds	27	100.0	8.2	68.4	19.2	4.2
1,000 to 9,999 pounds	205	100.0	7.6	76.4	13.7	2.3
1,000 to 1,999 pounds	44	100.0	7.1	65.3	22.4	5.2
2,000 to 2,999 pounds	30	100.0	4.4	80.3	8.1	7.2
3,000 to 3,999 pounds	24	100.0	9.6	87.4	1.7	1.3
4,000 to 4,999 pounds	30	100.0	5.7	67.6	26.7	-
5,000 to 9,999 pounds	77	100.0	9.1	81.1	9.7	.1
10,000 to 29,999 pounds	203	100.0	26.3	62.6	11.1	-
10,000 to 19,999 pounds	72	100.0	17.2	67.6	15.2	-
20,000 to 29,999 pounds	131	100.0	31.4	59.7	8.9	-
30,000 to 59,999 pounds	368	100.0	39.5	48.7	11.8	-
30,000 to 39,999 pounds	182	100.0	33.6	52.1	14.3	-
40,000 to 49,999 pounds	160	100.0	38.0	52.2	9.8	-
50,000 to 59,999 pounds	26	100.0	89.9	4.5	5.6	-
60,000 to 89,999 pounds	43	100.0	38.8	60.6	.6	-
60,000 to 69,999 pounds	22	100.0	63.8	36.2	-	-
70,000 to 79,999 pounds	2	100.0	44.9	42.0	13.1	-
80,000 to 89,999 pounds	19	100.0	10.1	89.9	-	-
90,000 pounds and over	90	100.0	98.4	1.6	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 211 -Percent Distribution of Distance and Weight, by Means of Transport: 1967

Electrical Transmission and Distribution Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,599	100.0	24.0	63.9	10.7	1.4
Under 200 miles	274	100.0	24.2	70.2	4.7	.9
Under 1,000 pounds	35	100.0	.2	86.4	7.4	6.0
1,000 to 9,999 pounds	81	100.0	.1	91.6	7.7	.6
10,000 to 29,999 pounds	31	100.0	7.5	91.7	.8	-
30,000 to 59,999 pounds	41	100.0	29.3	66.4	4.3	-
60,000 to 89,999 pounds	34	100.0	33.5	60.6	5.9	-
90,000 pounds and over	52	100.0	78.6	21.4	-	-
200 to 399 miles	428	100.0	22.1	64.2	12.8	.9
Under 1,000 pounds	33	100.0	.2	85.1	3.4	11.3
1,000 to 9,999 pounds	85	100.0	.6	93.7	5.7	-
10,000 to 29,999 pounds	133	100.0	5.8	72.3	21.9	-
30,000 to 59,999 pounds	112	100.0	19.2	63.4	17.4	-
60,000 to 89,999 pounds	10	100.0	100.0	-	-	-
90,000 pounds and over	55	100.0	100.0	-	-	-
400 to 599 miles	341	100.0	16.9	70.9	11.5	.7
Under 1,000 pounds	18	100.0	.9	77.8	7.7	13.6
1,000 to 9,999 pounds	66	100.0	.7	97.2	1.8	.3
10,000 to 29,999 pounds	101	100.0	21.4	64.9	13.7	-
30,000 to 59,999 pounds	129	100.0	15.7	66.6	17.7	-
60,000 to 89,999 pounds	16	100.0	26.4	73.6	-	-
90,000 pounds and over	11	100.0	100.0	-	-	-
600 to 999 miles	316	100.0	19.8	64.8	13.7	1.7
Under 1,000 pounds	30	100.0	5.7	57.4	18.1	18.8
1,000 to 9,999 pounds	89	100.0	5.3	81.6	13.1	-
10,000 to 29,999 pounds	66	100.0	24.0	67.1	8.9	-
30,000 to 59,999 pounds	104	100.0	29.3	51.1	19.6	-
60,000 to 89,999 pounds	20	100.0	17.7	82.3	-	-
90,000 pounds and over	7	100.0	100.0	-	-	-
1,000 miles and over	240	100.0	42.8	45.1	8.7	3.4
Under 1,000 pounds	24	100.0	11.0	48.4	12.8	27.8
1,000 to 9,999 pounds	44	100.0	12.5	60.7	23.7	3.1
10,000 to 29,999 pounds	35	100.0	38.8	56.4	4.8	-
30,000 to 59,999 pounds	103	100.0	48.9	45.4	5.7	-
60,000 to 89,999 pounds	7	100.0	49.6	50.4	-	-
90,000 pounds and over	27	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	997	100.0	32.8	54.3	10.5	2.4
Under 200 miles	26	100.0	18.3	75.5	4.9	1.3
Under 1,000 pounds	4	100.0	.1	89.8	3.8	6.3
1,000 to 9,999 pounds	8	100.0	.2	90.3	8.4	1.1
10,000 to 29,999 pounds	3	100.0	9.1	89.9	1.0	-
30,000 to 59,999 pounds	4	100.0	32.9	62.1	5.0	-
60,000 to 89,999 pounds	4	100.0	24.2	69.4	6.4	-
90,000 pounds and over	3	100.0	59.4	40.6	-	-
200 to 399 miles	128	100.0	21.4	65.7	12.2	.7
Under 1,000 pounds	9	100.0	.2	86.0	3.6	10.2
1,000 to 9,999 pounds	25	100.0	.7	93.2	6.1	-
10,000 to 29,999 pounds	40	100.0	5.0	74.7	20.3	-
30,000 to 59,999 pounds	35	100.0	17.9	66.0	16.1	-
60,000 to 89,999 pounds	3	100.0	100.0	-	-	-
90,000 pounds and over	16	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 211--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Electrical Transmission and Distribution Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	169	100.0	17.1	70.6	11.5	0.8
Under 1,000 pounds	9	100.0	.9	77.0	8.4	13.7
1,000 to 9,999 pounds	32	100.0	.7	97.2	1.8	.3
10,000 to 29,999 pounds	52	100.0	21.2	65.9	12.9	-
30,000 to 59,999 pounds	63	100.0	15.1	66.6	18.3	-
60,000 to 89,999 pounds	7	100.0	27.8	72.2	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-
600 to 999 miles	243	100.0	20.1	63.9	14.1	1.9
Under 1,000 pounds	24	100.0	5.8	56.5	18.8	18.9
1,000 to 9,999 pounds	68	100.0	5.6	80.1	14.2	.1
10,000 to 29,999 pounds	51	100.0	24.3	67.4	8.3	-
30,000 to 59,999 pounds	81	100.0	28.5	52.1	19.4	-
60,000 to 89,999 pounds	14	100.0	23.0	77.0	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-
1,000 miles and over	431	100.0	50.3	37.8	7.8	4.1
Under 1,000 pounds	43	100.0	13.6	45.8	10.5	30.1
1,000 to 9,999 pounds	72	100.0	15.6	56.3	21.7	6.4
10,000 to 29,999 pounds	57	100.0	48.7	45.2	6.1	-
30,000 to 59,999 pounds	184	100.0	56.9	37.6	5.5	-
60,000 to 89,999 pounds	15	100.0	49.0	51.0	-	-
90,000 pounds and over	60	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 211--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Electrical Transmission and Distribution Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,636	100.0	23.5	64.6	10.5	0.5	0.1	0.8	-
Middle Atlantic	718	100.0	27.6	61.9	9.7	.3	.1	.4	-
East North Central	425	100.0	14.3	71.6	13.4	.3	-	.4	-
Balance of United States[1]	493	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,017	100.0	32.1	55.2	10.3	.9	.4	1.1	-
Middle Atlantic	372	100.0	28.5	61.0	8.0	.7	1.1	.7	-
East North Central	253	100.0	21.1	61.7	16.3	.4	-	.4	0.1
Balance of United States[1]	392	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 211--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Electrical Transmission and Distribution Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped .....thousands..	1,636	1,636	99	294	395	137	297	73	143	26	172
Ton-miles.....millions..	1,017	1,017	59	116	128	78	155	29	118	30	304
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	1,636	100.0	6.1	18.0	24.0	8.4	18.2	4.4	8.8	1.6	10.5
Shipments from--											
Middle Atlantic	718	100.0	7.2	19.0	29.1	10.2	20.5	2.7	5.8	.6	4.9
East North Central	425	100.0	7.4	15.2	26.7	9.1	19.5	6.2	6.0	1.1	8.8
Balance of U.S.[2]	493	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	1,017	100.0	5.8	11.4	12.5	7.7	15.3	2.9	11.6	3.0	29.8
Shipments from--											
Middle Atlantic	372	100.0	5.3	7.0	19.0	12.2	16.8	2.9	12.9	2.3	21.6
East North Central	253	100.0	10.0	14.9	8.3	6.2	18.8	4.6	8.8	1.9	26.5
Balance of U.S.[2]	392	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 211--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Electrical Transmission and Distribution Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,636	100.0	23.5	64.6	10.5	0.5	0.1	0.8	-
Middle Atlantic, total	718	100.0	27.6	61.9	9.7	.3	.1	.4	-
Shipments to--									
Middle Atlantic	137	100.0	40.1	57.2	2.2	.2	-	.3	-
East North Central	209	100.0	24.8	56.8	18.0	.2	-	.2	-
South Atlantic	147	100.0	22.2	65.9	11.5	.1	-	.3	-
Pacific	35	100.0	33.9	52.7	8.1	2.0	2.4	.9	-
East North Central, total	425	100.0	14.3	71.6	13.4	.3	-	.4	-
Shipments to--									
Middle Atlantic	64	100.0	12.5	62.6	23.6	.7	-	.5	0.1
East North Central	114	100.0	7.3	85.3	6.4	.1	-	.8	.1
South Atlantic	83	100.0	14.7	76.4	8.6	.2	-	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,017	100.0	32.1	55.2	10.3	.9	.4	1.1	-
Middle Atlantic, total	372	100.0	28.5	61.0	8.0	.7	1.1	.7	-
Shipments to--									
Middle Atlantic	26	100.0	48.5	48.0	3.0	.2	-	.3	-
East North Central	71	100.0	18.0	67.5	14.0	.2	-	.3	-
South Atlantic	62	100.0	20.9	64.4	14.2	.1	-	.4	-
Pacific	81	100.0	35.3	49.2	7.7	2.0	4.9	.1	-
East North Central, total	253	100.0	21.1	61.7	16.3	.4	-	.4	.1
Shipments to--									
Middle Atlantic	38	100.0	11.9	60.1	26.8	.7	-	.4	.1
East North Central	21	100.0	6.7	86.1	6.2	.1	-	.8	.1
South Atlantic	48	100.0	12.9	80.7	6.1	.1	-	.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 211--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Electrical Transmission and Distribution Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,636	57	298	1,281	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,017	17	163	837
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	23.5	1.0	.1	29.9	32.1	8.3	.2	38.9
Motor carrier.....	64.6	84.0	89.1	58.1	55.2	59.0	80.1	50.2
Private truck.....	10.5	4.0	8.5	11.2	10.3	.6	16.3	9.3
Air.....	.5	3.0	.8	.3	.9	4.7	1.7	.6
Water.....	.1	-	.1	.1	.4	-	-	.5
Other.....	.8	7.9	1.3	.4	1.1	27.3	1.6	.5
Unknown.....	-	.1	.1	-	-	.1	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	10.2	41.1	11.6	8.5	1.0	9.0	1.3	.7
100 to 199 miles.....	7.3	31.3	9.3	5.7	1.7	12.4	2.7	1.3
200 to 299 miles.....	15.1	5.1	12.8	16.1	6.4	3.9	6.1	6.5
300 to 399 miles.....	11.4	3.8	9.5	12.2	6.4	4.2	6.0	6.5
400 to 499 miles.....	10.6	2.2	9.0	11.4	7.6	3.3	7.4	7.7
500 to 999 miles.....	30.5	9.8	38.1	29.6	34.0	23.7	51.3	30.9
1,000 miles and over.....	14.9	6.7	9.7	16.5	42.9	43.5	25.2	46.4

Table 8. SHIPPER CLASS 211--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Electrical Transmission and Distribution Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	13.0	-	20.4	53.2
Highway facilities	97.8	100.0	100.0	83.2
Rail and highway facilities	10.8	-	20.4	36.4
Air facilities	80.1	80.0	79.6	82.0
Rail, highway, and air facilities	7.4	-	11.1	31.6
Water facilities	17.5	20.0	14.8	12.6
Rail, highway, air, and water facilities	.2	-	-	1.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.8 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 212--Percent Distribution of Distance, by Means of Transport: 1967

Electrical Industrial Apparatus

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	2,159	100.0	22.7	57.0	16.2	0.4	0.2	3.4	0.1
Under 50 miles	104	100.0	23.2	46.7	29.8	-	-	.3	-
50 to 99 miles	120	100.0	2.0	85.0	11.0	-	1.0	.6	.4
100 to 199 miles	334	100.0	21.6	60.2	17.7	-	-	.5	-
200 to 299 miles	298	100.0	7.7	76.6	15.0	.1	-	.6	-
300 to 399 miles	288	100.0	25.9	53.9	19.5	.2	-	.5	-
400 to 499 miles	295	100.0	17.4	49.8	13.0	.1	-	19.6	.1
500 to 599 miles	96	100.0	19.9	62.5	16.6	.3	-	.7	-
600 to 799 miles	225	100.0	24.2	49.7	24.1	1.2	-	.8	-
800 to 999 miles	130	100.0	35.6	59.5	3.9	.4	-	.6	-
1,000 to 1,199 miles	62	100.0	41.6	50.7	5.6	1.1	-	.4	.6
1,200 to 1,499 miles	37	100.0	11.1	45.1	41.2	.3	-	1.2	1.1
1,500 to 1,999 miles	70	100.0	53.5	37.7	5.3	1.5	-	2.0	-
2,000 miles and over	100	100.0	54.4	28.3	9.8	1.7	2.0	3.8	-
TON-MILES	(millions of ton-miles)								
Total	1,156	100.0	32.1	48.7	14.1	.8	.7	3.5	.1
Under 50 miles	3	100.0	13.9	47.2	38.5	-	-	.4	-
50 to 99 miles	9	100.0	1.6	85.0	11.3	-	1.1	.6	.4
100 to 199 miles	53	100.0	23.6	60.0	15.9	-	-	.5	-
200 to 299 miles	75	100.0	8.3	76.0	15.0	.1	-	.6	-
300 to 399 miles	96	100.0	25.2	54.6	19.5	.2	-	.5	-
400 to 499 miles	131	100.0	17.3	49.6	13.0	.1	-	19.9	.1
500 to 599 miles	53	100.0	19.8	62.5	16.7	.3	-	.7	-
600 to 799 miles	157	100.0	24.2	49.0	24.8	1.2	-	.8	-
800 to 999 miles	116	100.0	36.1	59.2	3.7	.4	-	.6	-
1,000 to 1,199 miles	66	100.0	41.7	50.3	5.8	1.2	-	.4	.6
1,200 to 1,499 miles	48	100.0	11.0	45.8	40.5	.3	-	1.2	1.2
1,500 to 1,999 miles	123	100.0	53.2	37.8	5.5	1.5	-	2.0	-
2,000 miles and over	226	100.0	51.6	28.9	10.5	1.8	3.7	3.5	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 212--Percent Distribution of Weight, by Means of Transport: 1967

Electrical Industrial Apparatus

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,852	100.0	16.7	60.0	18.7	4.6
Under 1,000 pounds	179	100.0	.5	81.1	9.3	9.1
Under 50 pounds	11	100.0	1.0	27.5	7.6	63.9
50 to 99 pounds	12	100.0	1.2	63.0	8.9	26.9
100 to 199 pounds	23	100.0	.2	84.4	8.3	7.1
200 to 499 pounds	64	100.0	.3	84.8	9.5	5.4
500 to 999 pounds	69	100.0	.7	87.7	9.7	1.9
1,000 to 9,999 pounds	444	100.0	1.1	87.9	9.6	1.4
1,000 to 1,999 pounds	121	100.0	.5	88.0	10.3	1.2
2,000 to 2,999 pounds	79	100.0	1.0	86.4	11.1	1.5
3,000 to 3,999 pounds	58	100.0	1.2	90.7	8.1	-
4,000 to 4,999 pounds	48	100.0	2.3	84.3	11.2	2.2
5,000 to 9,999 pounds	138	100.0	1.4	88.9	8.1	1.6
10,000 to 29,999 pounds	338	100.0	5.3	65.7	27.0	2.0
10,000 to 19,999 pounds	169	100.0	2.9	66.5	29.8	.8
20,000 to 29,999 pounds	169	100.0	7.7	64.9	24.1	3.3
30,000 to 59,999 pounds	564	100.0	12.1	48.0	30.1	9.8
30,000 to 39,999 pounds	255	100.0	5.3	47.2	33.3	14.2
40,000 to 49,999 pounds	265	100.0	11.2	50.7	31.3	6.8
50,000 to 59,999 pounds	44	100.0	57.2	37.7	3.4	1.7
60,000 to 89,999 pounds	144	100.0	49.2	47.2	2.6	1.0
60,000 to 69,999 pounds	65	100.0	55.1	38.2	5.7	1.0
70,000 to 79,999 pounds	42	100.0	43.0	55.3	-	1.7
80,000 to 89,999 pounds	37	100.0	46.2	53.8	-	-
90,000 pounds and over	183	100.0	79.5	7.6	12.9	-
TON-MILES	(millions of ton-miles)					
Total	965	100.0	23.0	53.9	16.9	6.2
Under 1,000 pounds	114	100.0	1.2	75.2	10.1	13.5
Under 50 pounds	7	100.0	1.5	22.5	4.9	71.1
50 to 99 pounds	8	100.0	1.4	58.3	10.0	30.3
100 to 199 pounds	15	100.0	.4	79.0	9.1	11.5
200 to 499 pounds	42	100.0	.7	80.0	11.1	8.2
500 to 999 pounds	42	100.0	1.9	82.2	10.3	5.6
1,000 to 9,999 pounds	246	100.0	2.3	84.3	11.6	1.8
1,000 to 1,999 pounds	66	100.0	.8	84.3	12.3	2.6
2,000 to 2,999 pounds	38	100.0	2.8	81.7	12.9	2.6
3,000 to 3,999 pounds	30	100.0	1.6	86.7	11.7	-
4,000 to 4,999 pounds	31	100.0	7.1	77.5	12.9	2.5
5,000 to 9,999 pounds	81	100.0	1.7	87.1	9.8	1.4
10,000 to 29,999 pounds	158	100.0	11.8	64.7	19.9	3.6
10,000 to 19,999 pounds	86	100.0	3.4	71.3	22.1	3.2
20,000 to 29,999 pounds	72	100.0	22.0	56.9	17.2	3.9
30,000 to 59,999 pounds	255	100.0	24.0	36.7	28.4	10.9
30,000 to 39,999 pounds	105	100.0	12.3	38.9	30.5	18.3
40,000 to 49,999 pounds	128	100.0	24.4	37.5	31.5	6.6
50,000 to 59,999 pounds	22	100.0	78.5	20.2	.3	1.0
60,000 to 89,999 pounds	83	100.0	61.7	29.4	1.1	7.8
60,000 to 69,999 pounds	39	100.0	59.9	29.8	2.3	8.0
70,000 to 79,999 pounds	16	100.0	54.1	25.6	-	20.3
80,000 to 89,999 pounds	28	100.0	69.0	31.0	-	-
90,000 pounds and over	109	100.0	77.1	6.0	16.9	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 212--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Electrical Industrial Apparatus

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,852	100.0	16.7	60.0	18.7	4.6
Under 200 miles	465	100.0	11.3	65.9	21.8	1.0
Under 1,000 pounds	41	100.0	.1	82.7	10.2	7.0
1,000 to 9,999 pounds	99	100.0	-	86.8	11.4	1.8
10,000 to 29,999 pounds	99	100.0	-	63.9	36.1	-
30,000 to 59,999 pounds	149	100.0	.8	65.7	33.5	-
60,000 to 89,999 pounds	30	100.0	30.2	69.8	-	-
90,000 pounds and over	47	100.0	89.6	10.4	-	-
200 to 399 miles	501	100.0	14.2	65.2	19.9	.7
Under 1,000 pounds	40	100.0	.2	87.1	6.3	6.4
1,000 to 9,999 pounds	130	100.0	1.0	95.7	2.9	.4
10,000 to 29,999 pounds	88	100.0	2.8	66.3	30.9	-
30,000 to 59,999 pounds	157	100.0	8.9	50.7	39.9	.5
60,000 to 89,999 pounds	43	100.0	33.4	57.8	8.8	-
90,000 pounds and over	43	100.0	89.8	10.2	-	-
400 to 599 miles	384	100.0	17.3	53.1	14.2	15.4
Under 1,000 pounds	29	100.0	.4	82.4	10.9	6.3
1,000 to 9,999 pounds	81	100.0	.5	88.9	10.6	-
10,000 to 29,999 pounds	62	100.0	15.3	58.9	17.2	8.6
30,000 to 59,999 pounds	151	100.0	5.0	39.0	21.3	34.7
60,000 to 89,999 pounds	26	100.0	60.2	39.8	-	-
90,000 pounds and over	35	100.0	95.8	4.2	-	-
600 to 999 miles	289	100.0	17.4	60.3	20.4	1.9
Under 1,000 pounds	39	100.0	.4	80.6	8.8	10.2
1,000 to 9,999 pounds	79	100.0	1.5	80.3	16.0	2.2
10,000 to 29,999 pounds	54	100.0	-	73.9	26.1	-
30,000 to 59,999 pounds	59	100.0	41.3	49.8	8.9	-
60,000 to 89,999 pounds	27	100.0	62.0	38.0	-	-
90,000 pounds and over	31	100.0	24.6	-	75.4	-
1,000 miles and over	213	100.0	32.1	47.0	15.2	5.7
Under 1,000 pounds	31	100.0	1.8	70.2	11.1	16.9
1,000 to 9,999 pounds	56	100.0	3.9	81.4	11.4	3.3
10,000 to 29,999 pounds	33	100.0	17.6	68.6	9.3	4.5
30,000 to 59,999 pounds	48	100.0	43.9	11.0	40.4	4.7
60,000 to 89,999 pounds	18	100.0	81.9	10.5	-	7.6
90,000 pounds and over	27	100.0	88.1	11.9	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	965	100.0	23.0	53.9	16.9	6.2
Under 200 miles	55	100.0	16.5	63.7	18.9	.9
Under 1,000 pounds	5	100.0	.1	84.9	8.3	6.7
1,000 to 9,999 pounds	12	100.0	-	88.0	10.7	1.3
10,000 to 29,999 pounds	10	100.0	-	67.1	32.9	-
30,000 to 59,999 pounds	17	100.0	.5	68.0	31.5	-
60,000 to 89,999 pounds	3	100.0	42.5	57.5	-	-
90,000 pounds and over	8	100.0	94.1	5.9	-	-
200 to 399 miles	147	100.0	15.2	63.7	20.3	.8
Under 1,000 pounds	12	100.0	.2	86.8	6.3	6.7
1,000 to 9,999 pounds	37	100.0	.9	95.6	3.1	.4
10,000 to 29,999 pounds	25	100.0	2.8	63.8	33.4	-
30,000 to 59,999 pounds	47	100.0	9.1	50.9	39.5	.5
60,000 to 89,999 pounds	12	100.0	38.2	54.3	7.5	-
90,000 pounds and over	14	100.0	89.8	10.2	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 212--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Electrical Industrial Apparatus

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	180	100.0	17.3	53.5	14.4	14.8
Under 1,000 pounds	14	100.0	.4	81.8	11.6	6.2
1,000 to 9,999 pounds	39	100.0	.4	88.5	11.1	-
10,000 to 29,999 pounds	31	100.0	17.0	57.7	17.7	7.6
30,000 to 59,999 pounds	68	100.0	5.2	38.8	21.2	34.8
60,000 to 89,999 pounds	13	100.0	61.8	38.2	-	-
90,000 pounds and over	15	100.0	95.7	4.3	-	-
600 to 999 miles	223	100.0	19.0	59.8	19.4	1.8
Under 1,000 pounds	29	100.0	.4	80.9	8.5	10.2
1,000 to 9,999 pounds	60	100.0	1.6	81.8	14.6	2.0
10,000 to 29,999 pounds	39	100.0	-	74.7	25.3	-
30,000 to 59,999 pounds	47	100.0	43.2	48.8	8.0	-
60,000 to 89,999 pounds	23	100.0	61.8	38.2	-	-
90,000 pounds and over	25	100.0	26.8	73.2	-	-
1,000 miles and over	360	100.0	32.5	45.0	14.9	7.6
Under 1,000 pounds	54	100.0	2.1	67.3	11.5	19.1
1,000 to 9,999 pounds	99	100.0	4.2	79.5	13.2	3.1
10,000 to 29,999 pounds	51	100.0	24.3	61.7	7.8	6.2
30,000 to 59,999 pounds	77	100.0	43.3	11.4	39.7	5.6
60,000 to 89,999 pounds	32	100.0	72.6	7.3	-	20.1
90,000 pounds and over	47	100.0	91.4	8.6	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 212--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Electrical Industrial Apparatus

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	2,159	100.0	22.7	57.0	16.2	0.4	0.2	3.4	0.1
New England	50	100.0	.1	49.9	44.4	2.0	2.6	1.0	-
Middle Atlantic	752	100.0	34.2	45.9	11.5	.3	-	8.1	-
East North Central	831	100.0	17.3	64.9	16.2	.3	.2	.9	.2
West North Central	150	100.0	8.3	85.4	6.1	-	-	.2	-
South Atlantic	164	100.0	31.3	56.4	9.5	.8	-	2.0	-
Balance of United States[1]	212	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,156	100.0	32.1	48.7	14.1	.8	.7	3.5	.1
New England	40	100.0	.4	32.3	63.2	3.1	.3	.7	-
Middle Atlantic	434	100.0	40.5	43.9	8.5	.6	.2	6.3	-
East North Central	407	100.0	34.1	51.9	10.1	.5	1.7	1.4	.3
West North Central	63	100.0	12.1	83.3	4.2	.1	-	.3	-
South Atlantic	106	100.0	40.4	42.0	10.1	1.2	-	6.3	-
Balance of United States[1]	106	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 212--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Electrical Industrial Apparatus

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	2,159	2,159	56	388	836	150	134	263	166	49	117
Ton-miles.....millions..	1,156	1,156	41	112	258	81	67	117	161	78	241
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	2,159	100.0	2.6	18.0	38.7	6.9	6.2	12.2	7.7	2.3	5.4
Shipments from--											
New England	50	100.0	5.5	23.7	30.1	5.3	3.9	1.6	23.2	1.0	5.7
Middle Atlantic	752	100.0	2.0	25.4	37.6	4.4	5.8	12.2	3.0	4.3	5.3
East North Central	831	100.0	3.3	15.8	42.8	4.2	6.5	9.5	11.1	.7	6.1
West North Central	150	100.0	.3	4.7	51.6	12.8	6.8	9.1	11.0	2.1	1.6
South Atlantic	164	100.0	2.6	25.4	25.8	10.4	12.5	2.6	9.7	2.2	8.8
Balance of U.S.[2]	212	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	1,156	100.0	3.6	9.7	22.3	7.0	5.8	10.1	13.9	6.7	20.9
Shipments from--											
New England	40	100.0	.7	4.5	26.6	7.3	2.6	1.5	37.0	2.2	17.6
Middle Atlantic	434	100.0	.9	6.5	26.3	5.8	4.0	15.8	6.5	13.0	21.2
East North Central	407	100.0	4.8	12.9	15.2	4.8	8.0	6.2	20.6	2.1	25.4
West North Central	63	100.0	.8	9.6	37.7	8.0	11.0	6.9	15.7	4.5	5.8
South Atlantic	106	100.0	2.8	15.4	15.0	10.9	3.3	1.8	15.0	6.5	29.3
Balance of U.S.[2]	106	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 212--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Electrical Industrial Apparatus

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	2,159	100.0	22.7	57.0	16.2	0.4	0.2	3.4	0.1
Middle Atlantic, total	752	100.0	34.2	45.9	11.5	.3	-	8.1	-
Shipments to--									
New England	15	100.0	5.5	88.0	5.3	.2	-	1.0	-
Middle Atlantic	191	100.0	25.3	57.6	15.9	.1	-	1.1	-
East North Central	282	100.0	25.9	43.2	10.4	.1	-	20.4	-
South Atlantic	44	100.0	50.3	47.9	.6	.3	-	.9	-
Pacific	40	100.0	52.5	41.7	3.4	1.5	.4	.5	-
East North Central, total	831	100.0	17.3	64.9	16.2	.3	.2	.9	.2
Shipments to--									
New England	27	100.0	5.7	70.6	18.3	3.3	-	2.1	-
Middle Atlantic	131	100.0	17.5	68.3	12.5	.4	-	1.0	.3
East North Central	355	100.0	1.0	79.5	18.7	-	-	.7	.1
West North Central	35	100.0	26.9	69.4	3.0	.1	-	.6	-
South Atlantic	54	100.0	24.4	68.5	5.3	.8	-	1.0	-
West South Central	92	100.0	43.5	45.9	9.5	.2	-	.4	.5
Pacific	51	100.0	59.0	30.4	4.4	.4	3.0	2.8	-
South Atlantic, total	164	100.0	31.3	56.4	9.5	.8	-	2.0	-
Shipments to--									
Middle Atlantic	42	100.0	14.2	75.1	8.3	2.3	-	-	.1
TON-MILES	(millions of ton-miles)								
U.S. total	1,156	100.0	32.1	48.7	14.1	.8	.7	3.5	.1
Middle Atlantic, total	434	100.0	40.5	43.9	8.5	.6	.2	6.3	-
Shipments to--									
New England	4	100.0	6.6	89.5	2.8	.2	-	.9	-
Middle Atlantic	28	100.0	17.4	66.4	14.5	.1	-	1.6	-
East North Central	114	100.0	21.5	46.5	9.2	.1	-	22.7	-
South Atlantic	17	100.0	53.2	44.6	1.0	.3	-	.9	-
Pacific	92	100.0	50.7	43.0	3.3	1.7	.8	.5	-
East North Central, total	407	100.0	34.1	51.9	10.1	.5	1.7	1.4	.3
Shipments to--									
New England	19	100.0	5.2	71.2	17.7	3.6	-	2.3	-
Middle Atlantic	53	100.0	15.9	66.2	15.5	.7	-	1.4	.3
East North Central	62	100.0	1.6	83.5	14.0	.1	-	.7	.1
West North Central	19	100.0	35.5	61.6	2.2	.2	-	.5	-
South Atlantic	33	100.0	32.0	61.4	4.4	1.1	-	1.1	-
West South Central	84	100.0	48.1	42.5	8.2	.2	-	.3	.7
Pacific	104	100.0	58.1	28.3	4.0	.4	6.7	2.5	-
South Atlantic, total	106	100.0	40.4	42.0	10.1	1.2	-	6.3	-
Shipments to--									
Middle Atlantic	16	100.0	10.3	72.9	13.2	3.5	-	-	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 212--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Electrical Industrial Apparatus

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	2,159	20	347	1,792	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,156	12	192	952
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	22.7	-	1.9	27.0	32.1	-	1.5	38.7
Motor carrier.....	57.0	93.7	91.0	50.1	48.7	92.5	90.7	39.4
Private truck.....	16.2	2.1	5.1	18.5	14.1	.4	4.3	16.3
Air.....	.4	3.1	.8	.3	.8	5.9	2.2	.5
Water.....	.2	-	-	.2	.7	-	.1	.9
Other.....	3.4	1.1	1.1	3.8	3.5	1.2	1.0	4.1
Unknown.....	.1	-	.1	.1	.1	-	.2	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	10.4	2.3	9.7	10.6	1.0	.2	.9	1.1
100 to 199 miles.....	15.5	10.7	9.9	16.6	4.5	2.8	2.7	4.9
200 to 299 miles.....	13.8	16.4	17.9	13.0	6.5	7.0	8.0	6.2
300 to 399 miles.....	13.4	9.4	15.2	13.1	8.3	5.8	8.9	8.3
400 to 499 miles.....	13.7	1.8	9.3	14.7	11.3	1.4	7.5	12.2
500 to 999 miles.....	20.7	57.3	24.6	19.6	28.2	76.5	32.2	26.8
1,000 miles and over.....	12.5	2.1	13.4	12.4	40.2	6.3	39.8	40.5

Table 8. SHIPPER CLASS 212--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Electrical Industrial Apparatus

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	20.5	-	33.3	73.6
Highway facilities	87.3	97.3	75.7	79.2
Rail and highway facilities	18.6	-	33.3	56.5
Air facilities	92.5	100.0	87.1	75.5
Rail, highway, and air facilities	17.8	-	33.3	49.1
Water facilities	16.8	19.5	13.3	15.6
Rail, highway, air, and water facilities.	2.7	-	5.5	5.8

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 213--Percent Distribution of Distance, by Means of Transport: 1967

Household Appliances

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	4,077	100.0	65.3	30.3	3.2	-	0.3	0.8	0.1
Under 50 miles	107	100.0	35.9	35.9	28.1	-	-	.1	-
50 to 99 miles	158	100.0	47.4	41.0	7.9	-	3.6	.1	-
100 to 199 miles	266	100.0	32.7	61.8	5.3	0.1	-	.1	-
200 to 299 miles	342	100.0	54.1	40.1	5.3	-	-	.2	.3
300 to 399 miles	290	100.0	59.5	35.6	4.0	.1	-	.3	.5
400 to 499 miles	458	100.0	68.0	30.5	1.4	-	-	.1	-
500 to 599 miles	474	100.0	75.8	21.1	2.6	.1	-	.4	-
600 to 799 miles	517	100.0	77.6	19.0	2.4	.1	-	.9	-
800 to 999 miles	653	100.0	51.4	44.9	.1	-	-	3.6	-
1,000 to 1,199 miles	264	100.0	91.1	8.2	.5	.1	-	.1	-
1,200 to 1,499 miles	199	100.0	87.2	12.4	.3	-	-	.1	-
1,500 to 1,999 miles	291	100.0	88.9	7.8	2.4	.1	-	.5	.3
2,000 miles and over	58	100.0	33.4	47.5	3.0	.1	14.7	1.3	-
TON-MILES	(millions of ton-miles)								
Total	2,849	100.0	71.4	24.3	1.8	.1	1.2	1.1	.1
Under 50 miles	3	100.0	36.3	37.3	26.3	-	-	.1	-
50 to 99 miles	12	100.0	50.0	37.6	7.9	-	4.4	.1	-
100 to 199 miles	41	100.0	31.7	63.2	4.9	.1	-	.1	-
200 to 299 miles	84	100.0	54.1	40.3	5.2	-	-	.1	.3
300 to 399 miles	103	100.0	60.5	34.8	3.8	.1	-	.3	.5
400 to 499 miles	202	100.0	68.4	30.1	1.4	-	-	.1	-
500 to 599 miles	265	100.0	76.1	20.9	2.5	.1	-	.4	-
600 to 799 miles	357	100.0	77.7	18.9	2.4	.1	-	.9	-
800 to 999 miles	569	100.0	52.9	43.2	.1	-	-	3.8	-
1,000 to 1,199 miles	287	100.0	91.2	8.1	.5	.1	-	.1	-
1,200 to 1,499 miles	267	100.0	87.5	12.1	.3	-	-	.1	-
1,500 to 1,999 miles	512	100.0	88.6	7.9	2.6	.1	-	.5	.3
2,000 miles and over	147	100.0	28.1	44.2	2.9	.1	23.6	1.1	-

[1]Distance of shipments to foreign destinations are calaculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 213--Percent Distribution of Weight, by Means of Transport: 1967

Household Appliances

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,077	100.0	65.3	30.3	3.2	1.2
Under 1,000 pounds	142	100.0	5.0	82.6	8.7	3.7
Under 50 pounds	3	100.0	1.3	40.5	3.9	54.3
50 to 99 pounds	5	100.0	2.5	80.9	3.0	13.6
100 to 199 pounds	14	100.0	3.3	84.9	8.0	3.8
200 to 499 pounds	60	100.0	3.8	81.7	11.9	2.6
500 to 999 pounds	60	100.0	7.1	85.2	6.2	1.5
1,000 to 9,999 pounds	418	100.0	9.8	75.6	13.0	1.6
1,000 to 1,999 pounds	96	100.0	4.9	75.4	18.0	1.7
2,000 to 2,999 pounds	59	100.0	3.3	85.9	8.4	2.4
3,000 to 3,999 pounds	49	100.0	17.6	74.6	6.6	1.2
4,000 to 4,999 pounds	46	100.0	14.7	76.4	8.7	.2
5,000 to 9,999 pounds	168	100.0	11.1	72.1	14.9	1.9
10,000 to 29,999 pounds	2,772	100.0	81.8	15.5	2.2	.5
10,000 to 19,999 pounds	1,564	100.0	78.4	17.8	3.6	.2
20,000 to 29,999 pounds	1,208	100.0	86.3	12.4	.5	.8
30,000 to 59,999 pounds	402	100.0	61.7	30.9	.2	7.2
30,000 to 39,999 pounds	277	100.0	65.6	29.0	.3	5.1
40,000 to 49,999 pounds	99	100.0	40.8	44.2	-	15.0
50,000 to 59,999 pounds	26	100.0	100.0	-	-	-
60,000 to 89,999 pounds	16	100.0	100.0	-	-	-
60,000 to 69,999 pounds	6	100.0	100.0	-	-	-
70,000 to 79,999 pounds	5	100.0	100.0	-	-	-
80,000 to 89,999 pounds	5	100.0	100.0	-	-	-
90,000 pounds and over	327	100.0	23.6	76.4	-	-
TON-MILES	(millions of ton-miles)					
Total	2,849	100.0	71.4	24.3	1.8	2.5
Under 1,000 pounds	87	100.0	7.9	81.8	4.4	5.9
Under 50 pounds	2	100.0	2.1	39.1	2.2	56.6
50 to 99 pounds	3	100.0	5.2	77.4	2.0	15.4
100 to 199 pounds	10	100.0	6.4	83.6	3.3	6.7
200 to 499 pounds	35	100.0	6.7	81.3	7.3	4.7
500 to 999 pounds	37	100.0	9.9	85.5	2.3	2.3
1,000 to 9,999 pounds	235	100.0	13.8	72.9	8.8	4.5
1,000 to 1,999 pounds	58	100.0	6.5	73.8	16.1	3.6
2,000 to 2,999 pounds	34	100.0	5.7	84.1	3.1	7.1
3,000 to 3,999 pounds	28	100.0	28.7	68.5	1.9	.9
4,000 to 4,999 pounds	29	100.0	18.5	76.9	4.3	.3
5,000 to 9,999 pounds	86	100.0	15.3	67.8	9.9	7.0
10,000 to 29,999 pounds	1,948	100.0	87.9	10.0	1.2	.8
10,000 to 19,999 pounds	1,012	100.0	85.9	11.1	2.2	.8
20,000 to 29,999 pounds	936	100.0	90.1	8.9	.2	.8
30,000 to 59,999 pounds	294	100.0	70.2	15.8	.7	13.3
30,000 to 39,999 pounds	248	100.0	73.4	14.7	.8	11.1
40,000 to 49,999 pounds	37	100.0	40.8	27.4	-	31.8
50,000 to 59,999 pounds	9	100.0	100.0	-	-	-
60,000 to 89,999 pounds	3	100.0	100.0	-	-	-
60,000 to 69,999 pounds	1	100.0	100.0	-	-	-
70,000 to 79,999 pounds	2	100.0	100.0	-	-	-
80,000 to 89,999 pounds	-	100.0	-	-	-	-
90,000 pounds and over	282	100.0	26.9	73.1	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 213--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Household Appliances

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,077	100.0	65.3	30.3	3.2	1.2
Under 200 miles	531	100.0	37.7	50.5	10.6	1.2
Under 1,000 pounds	32	100.0	.1	75.9	22.0	2.0
1,000 to 9,999 pounds	113	100.0	.8	75.7	23.3	.2
10,000 to 29,999 pounds	296	100.0	53.6	38.5	7.8	.1
30,000 to 59,999 pounds	74	100.0	33.0	59.9	-	7.1
60,000 to 89,999 pounds	10	100.0	100.0	-	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-
200 to 399 miles	632	100.0	56.7	38.0	4.7	.6
Under 1,000 pounds	29	100.0	.5	91.3	5.8	2.4
1,000 to 9,999 pounds	93	100.0	2.8	82.3	13.5	1.4
10,000 to 29,999 pounds	460	100.0	69.5	26.7	3.4	.4
30,000 to 59,999 pounds	44	100.0	68.2	31.8	-	-
60,000 pounds and over	6	100.0	100.0	-	-	-
400 to 599 miles	932	100.0	72.0	25.7	2.0	.3
Under 1,000 pounds	23	100.0	4.6	84.4	6.5	4.5
1,000 to 9,999 pounds	81	100.0	15.6	76.1	8.2	.1
10,000 to 29,999 pounds	652	100.0	81.7	16.5	1.6	.2
30,000 to 59,999 pounds	132	100.0	61.7	38.3	-	-
60,000 pounds and over	44	100.0	100.0	-	-	-
600 to 999 miles	1,170	100.0	63.1	33.4	1.1	2.4
Under 1,000 pounds	31	100.0	11.9	80.5	3.8	3.8
1,000 to 9,999 pounds	73	100.0	24.0	69.2	4.7	2.1
10,000 to 29,999 pounds	752	100.0	90.7	7.1	1.2	1.0
30,000 to 59,999 pounds	64	100.0	52.4	19.2	-	28.4
60,000 pounds and over	250	100.0	-	100.0	-	-
1,000 miles and over	812	100.0	85.3	11.9	1.3	1.5
Under 1,000 pounds	25	100.0	8.5	81.7	3.0	6.8
1,000 to 9,999 pounds	59	100.0	12.3	71.8	9.6	6.3
10,000 to 29,999 pounds	613	100.0	94.0	5.1	.6	.3
30,000 to 59,999 pounds	88	100.0	89.5	3.3	.9	6.3
60,000 pounds and over	27	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,849	100.0	71.4	24.3	1.8	2.5
Under 200 miles	56	100.0	35.9	56.3	6.7	1.1
Under 1,000 pounds	3	100.0	.2	87.9	9.6	2.3
1,000 to 9,999 pounds	11	100.0	1.2	82.9	15.7	.2
10,000 to 29,999 pounds	32	100.0	52.6	42.0	5.3	.1
30,000 to 59,999 pounds	8	100.0	19.9	74.1	-	6.0
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-
200 to 399 miles	187	100.0	57.7	37.3	4.4	.6
Under 1,000 pounds	9	100.0	.6	90.8	6.0	2.6
1,000 to 9,999 pounds	27	100.0	3.1	82.4	13.3	1.2
10,000 to 29,999 pounds	137	100.0	70.3	26.2	3.0	.5
30,000 to 59,999 pounds	12	100.0	72.6	27.4	-	-
60,000 pounds and over	2	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 213--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Household Appliances

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	467	100.0	72.8	24.9	2.0	0.3
Under 1,000 pounds	12	100.0	5.0	84.1	6.5	4.4
1,000 to 9,999 pounds	40	100.0	16.6	74.9	8.4	.1
10,000 to 29,999 pounds	333	100.0	81.9	16.3	1.6	.2
30,000 to 59,999 pounds	59	100.0	63.5	36.5	-	-
60,000 pounds and over	23	100.0	100.0	-	-	-
600 to 999 miles	926	100.0	62.5	33.8	1.0	2.7
Under 1,000 pounds	23	100.0	11.4	80.7	4.0	3.9
1,000 to 9,999 pounds	53	100.0	24.7	68.6	4.5	2.2
10,000 to 29,999 pounds	590	100.0	90.7	7.2	1.0	1.1
30,000 to 59,999 pounds	53	100.0	51.8	16.2	-	32.0
60,000 pounds and over	207	100.0	-	100.0	-	-
1,000 miles and over	1,213	100.0	81.6	13.3	1.6	3.5
Under 1,000 pounds	40	100.0	8.8	79.7	3.3	8.2
1,000 to 9,999 pounds	103	100.0	11.2	70.7	9.2	8.9
10,000 to 29,999 pounds	856	100.0	92.5	5.8	.8	.9
30,000 to 59,999 pounds	162	100.0	81.1	4.2	1.2	13.5
60,000 pounds and over	52	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 213--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Household Appliances

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	4,077	100.0	65.3	30.3	3.2	-	0.3	0.8	0.1
New England	59	100.0	9.8	87.7	.3	0.1	1.8	.2	.1
Middle Atlantic	109	100.0	12.0	71.4	15.5	.1	.5	.5	-
East North Central	2,375	100.0	61.9	34.1	2.6	.1	.3	.9	.1
West North Central	454	100.0	73.6	21.9	.8	-	.8	2.9	-
East South Central	107	100.0	50.8	20.4	28.3	.3	-	.2	-
Pacific[1]	71	100.0	21.1	54.6	21.3	-	1.6	.2	1.2
Balance of United States[2]	902	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U. S. total	2,849	100.0	71.4	24.3	1.8	.1	1.2	1.1	.1
New England	56	100.0	15.7	75.0	.1	.2	8.8	.1	.1
Middle Atlantic	75	100.0	16.9	68.5	12.9	.1	1.0	.6	-
East North Central	1,548	100.0	69.6	26.8	1.5	.1	.8	1.1	.1
West North Central	357	100.0	76.5	15.7	.3	-	3.9	3.6	-
East South Central	61	100.0	58.5	16.7	24.1	.6	-	.1	-
Pacific[1]	64	100.0	28.4	60.8	3.2	-	4.8	.4	2.4
Balance of United States[2]	688	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 213--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Household Appliances

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	4,077	4,077	170	818	1,133	427	533	180	278	161	377
Ton-miles.....millions..	2,849	2,849	157	592	392	184	376	74	233	197	644
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	4,077	100.0	4.2	20.1	27.7	10.5	13.1	4.4	6.8	4.0	9.2
Shipments from--											
New England.....	59	100.0	6.3	23.9	20.0	6.4	15.2	2.9	5.8	1.9	17.6
Middle Atlantic.....	109	100.0	7.7	28.9	26.0	4.3	13.6	1.5	4.9	1.0	12.1
East North Central.....	2,375	100.0	3.4	23.4	24.4	10.2	11.7	5.1	7.9	5.4	8.5
West North Central.....	454	100.0	4.3	16.9	27.4	12.0	9.8	5.2	7.8	5.1	11.5
East South Central.....	107	100.0	3.2	12.0	34.6	8.0	20.6	8.6	8.4	.6	4.0
Pacific[2].....	71	100.0	2.8	4.9	7.4	3.8	2.1	1.2	23.3	7.4	47.1
Balance of U.S.[3].....	902	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	2,849	100.0	5.5	20.8	13.7	6.5	13.2	2.6	8.2	6.9	22.6
Shipments from--											
New England.....	56	100.0	.5	3.1	12.6	6.4	10.6	2.9	9.4	4.1	50.4
Middle Atlantic.....	75	100.0	2.5	5.8	20.0	6.3	9.5	1.6	9.4	2.6	42.3
East North Central.....	1,548	100.0	3.8	23.9	6.1	7.0	10.7	2.9	10.0	10.9	24.7
West North Central.....	357	100.0	5.9	19.8	14.7	4.6	11.8	4.3	8.7	5.8	24.4
East South Central.....	61	100.0	5.0	13.7	27.6	10.0	13.7	3.9	10.5	1.3	14.3
Pacific[2].....	64	100.0	7.8	12.8	15.6	6.0	4.6	2.4	32.7	4.1	14.0
Balance of U.S.[3].....	688	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 213--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Household Appliances

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,077	100.0	65.3	30.3	3.2	-	0.3	0.8	0.1
Middle Atlantic, total	109	100.0	12.0	71.4	15.5	0.1	.5	.5	-
Shipments to--									
Middle Atlantic	31	100.0	3.7	70.1	24.5	.1	1.2	.4	-
East North Central	28	100.0	18.5	72.7	8.4	-	-	.4	-
South Atlantic	15	100.0	8.6	76.8	13.9	.1	-	.6	-
East North Central, total	2,375	100.0	61.9	34.1	2.6	.1	.3	.9	.1
Shipments to--									
Middle Atlantic	556	100.0	39.6	58.9	.6	.1	-	.8	-
East North Central	577	100.0	38.6	53.2	6.9	-	.9	.2	.2
West North Central	243	100.0	80.2	17.7	1.9	-	-	.2	-
South Atlantic	278	100.0	83.3	15.2	.6	.1	-	.2	.6
East South Central	122	100.0	72.1	21.2	5.5	-	-	1.2	-
West South Central	188	100.0	78.3	15.8	.4	-	-	5.5	-
Pacific	201	100.0	89.5	5.5	2.9	.1	1.3	.7	-
West North Central, total	454	100.0	73.6	21.9	.8	-	.8	2.9	-
Shipments to--									
East North Central	125	100.0	59.8	39.3	.9	-	-	-	-
East South Central, total	107	100.0	50.8	20.4	28.3	.3	-	.2	-
Shipments to--									
East North Central	37	100.0	52.4	17.5	29.6	.3	-	.2	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,849	100.0	71.4	24.3	1.8	.1	1.2	1.1	.1
Middle Atlantic, total	75	100.0	16.9	68.5	12.9	.1	1.0	.6	-
Shipments to--									
Middle Atlantic	4	100.0	8.4	77.1	13.4	.1	.7	.3	-
East North Central	15	100.0	20.9	68.6	10.0	.1	-	.4	-
South Atlantic	7	100.0	13.4	78.0	7.8	.1	-	.7	-
East North Central, total	1,548	100.0	69.6	26.8	1.5	.1	.8	1.1	.1
Shipments to--									
Middle Atlantic	370	100.0	31.6	67.0	.5	.1	-	.8	-
East North Central	95	100.0	35.4	58.0	5.5	-	.5	.3	.3
West North Central	109	100.0	82.8	15.9	1.2	-	-	.1	-
South Atlantic	166	100.0	85.9	12.8	.6	.2	-	.2	.3
East South Central	44	100.0	72.4	22.6	3.3	-	-	1.7	-
West South Central	155	100.0	80.3	13.5	.4	-	-	5.8	-
Pacific	382	100.0	87.7	5.5	2.9	.1	3.1	.7	-
West North Central, total	357	100.0	76.5	15.7	.3	-	3.9	3.6	-
Shipments to--									
East North Central	52	100.0	62.5	36.3	1.1	-	-	.1	-
East South Central, total	61	100.0	58.5	16.7	24.1	.6	-	.1	-
Shipments to--									
East North Central	17	100.0	54.1	14.4	31.0	.3	-	.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 213--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Household Appliances

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	4,077	1	991	3,085	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,849	1	741	2,107
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	65.3	2.4	80.3	60.4	71.4	5.4	85.7	66.4
Motor carrier.....	30.3	96.0	18.8	34.0	24.3	92.0	14.2	27.8
Private truck.....	3.2	-	.9	3.9	1.8	-	.1	2.4
Air.....	-	1.6	-	.1	.1	2.6	-	.1
Water.....	.3	-	-	.4	1.2	-	-	1.7
Other.....	.8	-	-	1.1	1.1	-	-	1.5
Unknown.....	.1	-	-	.1	.1	-	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	6.5	8.6	1.5	8.1	.5	.9	.1	.7
100 to 199 miles.....	6.5	6.1	2.3	7.9	1.4	1.6	.5	1.7
200 to 299 miles.....	8.4	11.3	7.7	8.6	2.9	4.4	2.5	3.1
300 to 399 miles.....	7.1	4.5	1.5	8.9	3.6	2.3	.7	4.6
400 to 499 miles.....	11.2	8.4	15.8	9.8	7.1	5.4	9.1	6.3
500 to 999 miles.....	40.4	44.3	44.6	38.9	41.8	46.8	41.9	41.9
1,000 miles and over.....	19.9	16.8	26.6	17.8	42.7	38.6	45.2	41.7

Table 8. SHIPPER CLASS 213--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Household Appliances

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	53.5	-	79.2	82.8
Highway facilities	78.6	100.0	37.8	86.1
Rail and highway facilities	32.7	-	17.1	70.4
Air facilities	89.1	100.0	91.7	78.3
Rail, highway, and air facilities	27.9	-	17.1	58.4
Water facilities	43.8	100.0	8.3	18.4
Rail, highway, air, and water facilities.	6.7	-	8.3	11.4

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. None of the plants reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 214--Percent Distribution of Distance, by Means of Transport: 1967

Electric Lighting and Wiring Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	2,225	100.0	21.9	64.1	11.6	0.5	0.2	1.6	0.1
Under 50 miles	151	100.0	.1	48.5	50.4	-	.2	.8	-
50 to 99 miles	157	100.0	2.1	82.2	15.1	.1	-	.5	-
100 to 199 miles	241	100.0	7.7	77.6	11.3	1.3	-	2.1	-
200 to 299 miles	316	100.0	16.0	69.1	13.9	.2	-	.7	.1
300 to 399 miles	198	100.0	15.8	75.2	7.2	.6	-	.7	.5
400 to 499 miles	136	100.0	35.3	57.1	5.6	.7	-	1.2	.1
500 to 599 miles	98	100.0	24.9	66.6	6.7	.6	-	1.2	-
600 to 799 miles	217	100.0	25.0	61.2	10.0	.8	-	2.9	.1
800 to 999 miles	257	100.0	23.8	71.4	2.6	.3	-	1.9	-
1,000 to 1,199 miles	114	100.0	45.9	48.1	3.0	.2	.9	1.8	.1
1,200 to 1,499 miles	65	100.0	52.9	42.2	3.4	.4	-	1.1	-
1,500 to 1,999 miles	76	100.0	36.0	55.8	1.0	1.9	-	5.2	.1
2,000 miles and over	199	100.0	41.0	41.7	12.0	.5	2.0	2.8	-
TON-MILES	(millions of ton-miles)								
Total	1,509	100.0	32.7	55.7	7.4	.6	1.1	2.4	.1
Under 50 miles	4	100.0	.1	48.1	50.9	-	.1	.8	-
50 to 99 miles	12	100.0	1.9	81.8	15.7	.1	-	.5	-
100 to 199 miles	36	100.0	8.8	76.3	11.4	1.4	-	2.1	-
200 to 299 miles	77	100.0	16.6	69.0	13.5	.1	-	.7	.1
300 to 399 miles	68	100.0	15.9	75.2	7.0	.6	-	.7	.6
400 to 499 miles	62	100.0	35.6	56.7	5.6	.7	-	1.3	.1
500 to 599 miles	54	100.0	24.4	67.2	6.6	.6	-	1.2	-
600 to 799 miles	151	100.0	24.3	61.5	10.4	.8	-	2.9	.1
800 to 999 miles	224	100.0	25.2	69.7	2.7	.4	-	2.0	-
1,000 to 1,199 miles	126	100.0	46.2	48.1	2.9	.2	.8	1.7	.1
1,200 to 1,499 miles	85	100.0	52.5	42.4	3.6	.4	-	1.1	-
1,500 to 1,999 miles	131	100.0	36.8	54.8	1.0	2.0	-	5.3	.1
2,000 miles and over	479	100.0	39.1	43.4	10.9	.5	3.3	2.8	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 214--Percent Distribution of Weight, by Means of Transport: 1967

Electric Lighting and Wiring Equipment

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,899	100.0	22.1	62.2	13.1	2.6
Under 1,000 pounds	469	100.0	3.3	86.5	5.0	5.2
Under 50 pounds	25	100.0	6.7	52.8	3.6	36.9
50 to 99 pounds	32	100.0	2.7	80.9	6.1	10.3
100 to 199 pounds	86	100.0	1.7	89.6	4.8	3.9
200 to 499 pounds	182	100.0	2.8	91.5	3.4	2.3
500 to 999 pounds	144	100.0	4.5	85.5	7.1	2.9
1,000 to 9,999 pounds	495	100.0	6.4	66.1	24.0	3.5
1,000 to 1,999 pounds	158	100.0	3.3	77.9	16.3	2.5
2,000 to 2,999 pounds	89	100.0	4.0	71.3	20.0	4.7
3,000 to 3,999 pounds	47	100.0	4.4	83.4	9.8	2.4
4,000 to 4,999 pounds	41	100.0	.7	67.4	27.5	4.4
5,000 to 9,999 pounds	160	100.0	12.9	46.2	37.2	3.7
10,000 to 29,999 pounds	618	100.0	45.1	38.0	16.1	.8
10,000 to 19,999 pounds	333	100.0	32.0	45.5	20.9	1.6
20,000 to 29,999 pounds	285	100.0	60.2	29.2	10.6	-
30,000 to 59,999 pounds	276	100.0	27.2	69.0	2.6	1.2
30,000 to 39,999 pounds	126	100.0	21.7	70.2	5.6	2.5
40,000 to 49,999 pounds	100	100.0	22.4	77.6	-	-
50,000 to 59,999 pounds	50	100.0	50.7	49.3	-	-
60,000 to 89,999 pounds	31	100.0	47.5	52.5	-	-
60,000 to 69,999 pounds	4	100.0	57.7	42.3	-	-
70,000 to 79,999 pounds	9	100.0	100.0	-	-	-
80,000 to 89,999 pounds	18	100.0	20.6	79.4	-	-
90,000 pounds and over	10	100.0	50.9	49.1	-	-
TON-MILES	(millions of ton-miles)					
Total	1,161	100.0	36.6	49.2	9.2	5.0
Under 1,000 pounds	275	100.0	6.5	80.3	5.3	7.9
Under 50 pounds	16	100.0	8.8	47.7	2.5	41.0
50 to 99 pounds	20	100.0	5.5	76.3	5.3	12.9
100 to 199 pounds	50	100.0	4.1	84.7	5.3	5.9
200 to 499 pounds	101	100.0	6.4	86.6	2.9	4.1
500 to 999 pounds	88	100.0	7.9	77.2	8.6	6.3
1,000 to 9,999 pounds	282	100.0	14.3	57.5	18.3	9.9
1,000 to 1,999 pounds	89	100.0	5.2	71.1	17.2	6.5
2,000 to 2,999 pounds	53	100.0	7.5	65.2	18.1	9.2
3,000 to 3,999 pounds	22	100.0	14.0	73.6	5.4	7.0
4,000 to 4,999 pounds	22	100.0	.6	55.9	18.3	25.2
5,000 to 9,999 pounds	96	100.0	29.6	37.3	22.4	10.7
10,000 to 29,999 pounds	421	100.0	63.4	25.6	9.1	1.9
10,000 to 19,999 pounds	234	100.0	52.6	31.0	13.0	3.4
20,000 to 29,999 pounds	187	100.0	77.0	18.7	4.3	-
30,000 to 59,999 pounds	156	100.0	54.4	44.1	1.2	.3
30,000 to 39,999 pounds	58	100.0	35.6	60.3	3.3	.8
40,000 to 49,999 pounds	36	100.0	42.9	57.1	-	-
50,000 to 59,999 pounds	62	100.0	78.3	21.7	-	-
60,000 to 89,999 pounds	19	100.0	45.0	55.0	-	-
60,000 to 69,999 pounds	3	100.0	76.3	23.7	-	-
70,000 to 79,999 pounds	3	100.0	100.0	-	-	-
80,000 to 89,999 pounds	13	100.0	23.7	76.3	-	-
90,000 pounds and over	8	100.0	81.7	18.3	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 214--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Electric Lighting and Wiring Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	1,899	100.0	22.1	62.2	13.1	2.6
Under 200 miles	511	100.0	4.3	69.8	24.3	1.6
Under 1,000 pounds	137	100.0	.2	89.4	7.5	2.9
1,000 to 9,999 pounds	161	100.0	.8	61.9	36.8	.5
10,000 to 29,999 pounds	116	100.0	12.6	43.8	43.6	-
30,000 pounds and over	97	100.0	6.1	86.6	4.0	3.3
200 to 399 miles	486	100.0	16.8	70.1	11.9	1.2
Under 1,000 pounds	107	100.0	1.4	91.6	2.7	4.3
1,000 to 9,999 pounds	110	100.0	-	82.5	17.2	.3
10,000 to 29,999 pounds	178	100.0	30.3	50.0	19.2	.5
30,000 to 59,999 pounds	76	100.0	23.5	74.0	2.5	-
60,000 to 89,999 pounds	10	100.0	82.7	17.3	-	-
90,000 pounds and over	5	100.0	-	100.0	-	-
400 to 599 miles	220	100.0	32.9	59.6	5.7	1.8
Under 1,000 pounds	52	100.0	3.4	88.1	3.2	5.3
1,000 to 9,999 pounds	58	100.0	8.7	73.1	16.0	2.2
10,000 to 29,999 pounds	83	100.0	63.0	35.2	1.8	-
30,000 to 59,999 pounds	23	100.0	40.0	60.0	-	-
60,000 to 89,999 pounds	2	100.0	100.0	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
600 to 999 miles	331	100.0	24.6	63.1	8.4	3.9
Under 1,000 pounds	87	100.0	4.6	84.6	3.8	7.0
1,000 to 9,999 pounds	88	100.0	7.6	63.5	22.7	6.2
10,000 to 29,999 pounds	107	100.0	56.1	39.7	2.9	1.3
30,000 to 59,999 pounds	30	100.0	22.0	73.5	4.5	-
60,000 pounds and over	19	100.0	21.8	78.2	-	-
1,000 miles and over	351	100.0	46.7	40.2	7.7	5.4
Under 1,000 pounds	85	100.0	9.3	76.4	6.2	8.1
1,000 to 9,999 pounds	78	100.0	24.1	49.2	14.7	12.0
10,000 to 29,999 pounds	134	100.0	72.9	17.2	7.7	2.2
30,000 to 59,999 pounds	50	100.0	71.2	28.8	-	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	3	100.0	100.0	-	-	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	1,161	100.0	36.6	49.2	9.2	5.0
Under 200 miles	48	100.0	7.0	75.3	15.7	2.0
Under 1,000 pounds	12	100.0	.3	91.1	5.7	2.9
1,000 to 9,999 pounds	15	100.0	1.3	78.1	19.9	.7
10,000 to 29,999 pounds	10	100.0	22.0	40.0	38.0	-
30,000 pounds and over	11	100.0	9.4	84.9	1.4	4.3
200 to 399 miles	138	100.0	17.1	70.6	11.0	1.3
Under 1,000 pounds	32	100.0	1.6	91.1	2.4	4.9
1,000 to 9,999 pounds	31	100.0	-	84.3	15.3	.4
10,000 to 29,999 pounds	50	100.0	33.3	48.4	17.9	.4
30,000 to 59,999 pounds	20	100.0	20.1	77.1	2.8	-
60,000 to 89,999 pounds	3	100.0	77.5	22.5	-	-
90,000 pounds and over	2	100.0	-	100.0	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 214--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Electric Lighting and Wiring Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	109	100.0	32.4	60.1	5.7	1.8
Under 1,000 pounds	26	100.0	3.6	87.8	3.1	5.5
1,000 to 9,999 pounds	29	100.0	9.2	72.9	15.8	2.1
10,000 to 29,999 pounds	41	100.0	61.8	36.0	2.2	-
30,000 to 59,999 pounds	11	100.0	38.7	61.3	-	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-
600 to 999 miles	253	100.0	24.2	63.6	8.3	3.9
Under 1,000 pounds	68	100.0	4.8	84.3	3.8	7.1
1,000 to 9,999 pounds	67	100.0	7.4	64.2	22.0	6.4
10,000 to 29,999 pounds	81	100.0	54.0	41.7	3.1	1.2
30,000 to 59,999 pounds	24	100.0	22.7	72.4	4.9	-
60,000 pounds and over	13	100.0	30.2	69.8	-	-
1,000 miles and over	613	100.0	49.4	34.4	9.2	7.0
Under 1,000 pounds	137	100.0	9.7	73.3	7.1	9.9
1,000 to 9,999 pounds	140	100.0	23.3	42.8	17.5	16.4
10,000 to 29,999 pounds	239	100.0	74.8	13.0	9.3	2.9
30,000 to 59,999 pounds	90	100.0	77.9	22.1	-	-
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	6	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 214--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Electric Lighting and Wiring Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	2,225	100.0	21.9	64.1	11.6	0.5	0.2	1.6	0.1
New England	355	100.0	15.4	80.2	2.2	1.2	.3	.7	-
Middle Atlantic	814	100.0	15.7	63.6	17.9	.2	.1	2.5	-
East North Central	467	100.0	20.7	59.1	17.5	1.0	-	1.4	.3
West North Central	182	100.0	35.9	61.1	.3	.2	1.1	1.4	-
South Atlantic	133	100.0	39.0	43.3	15.8	.1	-	1.8	-
Pacific[1]	63	100.0	.5	95.6	.5	.2	2.2	.9	.1
Balance of United States[2]	211	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	1,509	100.0	32.7	55.7	7.4	.6	1.1	2.4	.1
New England	388	100.0	18.0	78.2	1.2	.5	1.6	.5	-
Middle Atlantic	442	100.0	34.2	50.1	10.7	.4	.2	4.4	-
East North Central	251	100.0	27.2	47.6	20.6	1.8	.2	2.4	.2
West North Central	120	100.0	55.8	37.8	.2	.3	4.3	1.6	-
South Atlantic	85	100.0	57.9	27.3	9.4	.1	.1	5.2	-
Pacific[1]	54	100.0	.7	90.7	-	.4	7.0	1.2	-
Balance of United States[2]	169	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 214--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Electric Lighting and Wiring Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	2,225	2,225	111	479	559	165	360	63	141	85	262
Ton-miles.....millions..	1,509	1,509	29	125	248	96	185	37	140	112	537
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	2,225	100.0	5.0	21.5	25.1	7.4	16.2	2.9	6.3	3.8	11.8
Shipments from--											
New England.....	355	100.0	10.9	12.9	36.5	4.1	8.2	1.0	1.1	3.3	22.0
Middle Atlantic.....	814	100.0	6.7	37.0	14.9	4.6	20.2	2.8	4.7	1.4	7.7
East North Central.....	467	100.0	2.1	12.4	42.5	9.0	13.8	3.3	5.9	1.8	9.2
West North Central.....	182	100.0	.5	3.2	18.0	21.0	16.5	2.4	25.3	10.4	2.7
South Atlantic.....	133	100.0	3.6	21.4	15.2	7.6	25.1	7.2	5.4	4.1	10.4
Pacific[2].....	63	100.0	1.1	2.6	8.7	6.4	4.1	1.9	9.5	11.5	54.2
Balance of U.S.....	211	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	1,509	100.0	1.9	8.3	16.4	6.3	12.3	2.4	9.3	7.4	35.7
Shipments from--											
New England.....	388	100.0	.5	2.7	26.5	4.2	5.8	.9	1.5	5.4	52.5
Middle Atlantic.....	442	100.0	3.0	8.7	13.7	7.4	15.4	3.6	11.1	3.8	33.3
East North Central.....	251	100.0	2.4	11.0	13.4	7.2	14.0	2.8	10.5	4.3	34.4
West North Central.....	120	100.0	.8	4.3	8.0	4.5	21.6	1.6	32.7	17.8	8.7
South Atlantic.....	85	100.0	3.9	9.5	8.4	8.9	12.8	4.6	6.9	10.6	34.4
Pacific[2].....	54	100.0	3.2	7.0	18.4	11.1	10.3	4.2	14.6	8.2	23.0
Balance of U.S.[3].....	169	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 214--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Electric Lighting and Wiring Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	2,225	100.0	21.9	64.1	11.6	0.5	0.2	1.6	0.1
New England, total	355	100.0	15.4	80.2	2.2	1.2	.3	.7	-
Shipments to--									
New England	39	100.0	-	94.0	4.8	.2	-	1.0	-
Middle Atlantic	46	100.0	21.6	67.6	3.3	6.0	-	1.5	-
East North Central	129	100.0	7.1	90.3	1.8	.6	-	.2	-
South Atlantic	29	100.0	25.4	70.4	2.7	.2	-	1.3	-
Pacific	78	100.0	18.9	78.5	-	.4	1.6	.6	-
Middle Atlantic, total	814	100.0	15.7	63.6	17.9	.2	.1	2.5	-
Shipments to--									
New England	54	100.0	4.8	64.9	21.5	-	-	8.8	-
Middle Atlantic	301	100.0	.7	76.4	22.2	.2	.1	.4	-
East North Central	121	100.0	20.0	56.4	19.4	.4	-	3.8	-
West North Central	37	100.0	32.9	55.4	6.5	.1	-	4.7	.4
South Atlantic	165	100.0	16.4	61.2	21.3	.2	-	.9	-
West South Central	38	100.0	33.9	58.1	5.4	.2	-	2.4	-
Pacific	63	100.0	65.5	22.0	5.6	.6	.3	6.0	-
East North Central, total	467	100.0	20.7	59.1	17.5	1.0	-	1.4	.3
Shipments to--									
Middle Atlantic	58	100.0	38.7	49.0	7.1	2.3	-	2.9	-
East North Central	198	100.0	8.0	63.8	26.8	.4	-	.5	.5
West North Central	42	100.0	14.0	82.7	1.2	.4	-	1.2	.5
South Atlantic	64	100.0	35.8	59.0	3.0	1.0	-	1.2	-
West South Central	28	100.0	40.9	54.1	3.2	.4	-	1.4	-
Pacific	43	100.0	25.6	19.6	47.6	3.4	.2	3.5	.1
	(millions of ton-miles)								
TON-MILES									
U.S. total	1,509	100.0	32.7	55.7	7.4	.6	1.1	2.4	.1
New England, total	388	100.0	18.0	78.2	1.2	.5	1.6	.5	-
Shipments to--									
New England	2	100.0	-	91.9	5.8	.4	-	1.9	-
Middle Atlantic	10	100.0	28.7	62.4	3.7	4.1	-	1.1	-
East North Central	103	100.0	5.5	91.9	1.9	.5	-	.2	-
South Atlantic	22	100.0	26.3	70.3	2.3	.1	-	1.0	-
Pacific	204	100.0	18.8	77.2	-	.4	3.0	.6	-
Middle Atlantic, total	442	100.0	34.2	50.1	10.7	.4	.2	4.4	-
Shipments to--									
New England	13	100.0	6.8	68.3	19.1	-	-	5.8	-
Middle Atlantic	38	100.0	1.6	85.5	12.3	.3	-	.3	-
East North Central	60	100.0	18.2	50.9	25.5	.4	-	5.0	-
West North Central	33	100.0	28.7	59.1	6.6	.1	-	5.2	.3
South Atlantic	68	100.0	16.5	66.3	15.6	.2	-	1.4	-
West South Central	49	100.0	32.9	58.5	6.0	.2	-	2.4	-
Pacific	148	100.0	64.4	22.2	5.8	.6	.7	6.3	-
East North Central, total	251	100.0	27.2	47.6	20.6	1.8	.2	2.4	.2
Shipments to--									
Middle Atlantic	27	100.0	36.1	51.2	5.9	2.6	-	4.2	-
East North Central	34	100.0	9.4	76.8	11.3	.7	-	.7	1.1
West North Central	18	100.0	17.3	78.1	2.1	.5	-	1.6	.4
South Atlantic	35	100.0	36.0	59.0	2.0	1.3	-	1.6	.1
West South Central	26	100.0	43.0	52.4	3.0	.3	-	1.3	-
Pacific	86	100.0	25.0	17.6	50.6	3.1	.5	3.1	.1

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 214--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Electric Lighting and Wiring Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	2,225	289	1,017	919	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,509	171	595	743
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	21.9	2.4	23.2	26.5	32.7	4.2	41.1	32.6
Motor carrier.....	64.1	61.7	66.1	62.7	55.7	47.8	50.4	61.8
Private truck.....	11.6	32.7	8.8	8.0	7.4	42.7	3.6	2.4
Air.....	.5	.6	.2	.8	.6	1.1	.5	.6
Water.....	.2	.6	.2	.2	1.1	2.0	1.4	.7
Other.....	1.6	1.5	1.5	1.8	2.4	1.8	3.0	1.9
Unknown.....	.1	.5	-	-	.1	.4	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	13.8	26.0	15.6	8.1	1.0	2.4	1.3	.5
100 to 199 miles.....	10.8	8.2	13.9	8.2	2.4	2.3	3.4	1.6
200 to 299 miles.....	14.2	14.6	16.7	11.3	5.1	5.7	7.1	3.4
300 to 399 miles.....	8.9	8.7	10.0	7.8	4.5	4.9	5.9	3.3
400 to 499 miles.....	6.1	4.4	4.6	8.3	4.1	3.3	3.6	4.6
500 to 999 miles.....	25.8	20.4	21.4	32.2	28.4	25.6	27.2	30.0
1,000 miles and over.....	20.4	17.7	17.8	24.1	54.5	55.8	51.5	56.6

Table 8. SHIPPER CLASS 214--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Electric Lighting and Wiring Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	22.2	8.8	38.7	71.8
Highway facilities	94.3	97.1	91.5	82.1
Rail and highway facilities	18.9	8.8	31.4	55.4
Air facilities	87.9	91.2	82.1	82.2
Rail, highway, and air facilities	14.7	5.9	26.1	44.9
Water facilities	31.0	35.2	24.7	20.2
Rail, highway, air, and water facilities	3.2	-	6.5	17.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 215--Percent Distribution of Distance, by Means of Transport: 1967

Miscellaneous Electrical Machinery and Supplies

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	2,018	100.0	9.6	60.6	26.8	0.3	-	2.7	-
Under 50 miles	247	100.0	4.3	30.7	61.0	.1	-	3.9	-
50 to 99 miles	200	100.0	1.1	43.1	54.7	-	-	1.1	-
100 to 199 miles	361	100.0	2.0	60.8	34.7	-	-	2.4	0.1
200 to 299 miles	524	100.0	10.3	68.4	18.4	.1	-	2.8	-
300 to 399 miles	203	100.0	-	82.5	15.5	.1	-	1.9	-
400 to 499 miles	156	100.0	4.6	81.3	11.9	.6	-	1.6	-
500 to 599 miles	65	100.0	46.5	49.7	2.4	.3	-	1.1	-
600 to 799 miles	110	100.0	25.4	68.7	2.6	.8	-	2.4	.1
800 to 999 miles	27	100.0	25.9	70.4	-	.8	-	2.9	-
1,000 to 1,199 miles	32	100.0	20.7	73.8	.1	.4	-	5.0	-
1,200 to 1,499 miles	18	100.0	18.9	72.8	5.0	2.0	-	1.3	-
1,500 to 1,999 miles	45	100.0	47.0	35.9	6.1	1.6	-	9.4	-
2,000 miles and over	30	100.0	55.0	37.2	.1	1.4	-	6.3	-
TON-MILES	(millions of ton-miles)								
Total	677	100.0	21.2	62.3	12.1	.7	-	3.7	-
Under 50 miles	7	100.0	4.9	30.0	61.7	.2	-	3.2	-
50 to 99 miles	15	100.0	.8	42.9	55.2	-	-	1.1	-
100 to 199 miles	53	100.0	1.7	62.7	32.8	-	-	2.7	.1
200 to 299 miles	122	100.0	9.5	67.2	19.9	.1	-	3.3	-
300 to 399 miles	70	100.0	-	82.6	15.5	.1	-	1.8	-
400 to 499 miles	67	100.0	4.6	80.4	12.6	.6	-	1.8	-
500 to 599 miles	36	100.0	46.5	49.7	2.5	.3	-	1.0	-
600 to 799 miles	77	100.0	25.9	68.3	2.5	.8	-	2.4	.1
800 to 999 miles	25	100.0	27.7	68.6	-	.8	-	2.9	-
1,000 to 1,199 miles	35	100.0	20.7	74.1	.1	.4	-	4.7	-
1,200 to 1,499 miles	24	100.0	20.3	71.8	4.7	2.0	-	1.2	-
1,500 to 1,999 miles	81	100.0	47.9	36.0	5.4	1.6	-	9.1	-
2,000 miles and over	65	100.0	51.5	40.1	.1	1.7	0.1	6.5	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 215--Percent Distribution of Weight, by Means of Transport: 1967

Miscellaneous Electrical Machinery and Supplies

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	1,921	100.0	10.1	62.7	24.1	3.1
Under 1,000 pounds	206	100.0	1.3	76.5	11.1	11.1
Under 50 pounds	5	100.0	2.2	36.0	8.1	53.7
50 to 99 pounds	8	100.0	2.3	57.9	6.9	32.9
100 to 199 pounds	23	100.0	1.4	73.4	6.1	19.1
200 to 499 pounds	73	100.0	1.4	78.8	8.4	11.4
500 to 999 pounds	97	100.0	1.1	79.5	14.8	4.6
1,000 to 9,999 pounds	635	100.0	1.0	67.1	28.1	3.8
1,000 to 1,999 pounds	143	100.0	1.0	73.7	21.4	3.9
2,000 to 2,999 pounds	98	100.0	.5	64.5	33.2	1.8
3,000 to 3,999 pounds	64	100.0	.8	68.3	27.0	3.9
4,000 to 4,999 pounds	67	100.0	1.7	60.1	33.7	4.5
5,000 to 9,999 pounds	263	100.0	1.0	65.8	28.6	4.6
10,000 to 29,999 pounds	460	100.0	2.0	56.2	39.3	2.5
10,000 to 19,999 pounds	220	100.0	3.0	53.0	39.4	4.6
20,000 to 29,999 pounds	240	100.0	1.2	59.0	39.2	.6
30,000 to 59,999 pounds	481	100.0	9.0	74.1	16.9	-
30,000 to 39,999 pounds	306	100.0	5.3	82.2	12.5	-
40,000 to 49,999 pounds	160	100.0	11.7	65.2	23.1	-
50,000 to 59,999 pounds	15	100.0	56.6	4.9	38.5	-
60,000 to 89,999 pounds	82	100.0	92.8	7.2	-	-
60,000 to 69,999 pounds	44	100.0	89.3	10.7	-	-
70,000 to 79,999 pounds	1	100.0	-	100.0	-	-
80,000 to 89,999 pounds	37	100.0	100.0	-	-	-
90,000 pounds and over	57	100.0	100.0	-	-	-
	(millions of ton-miles)					
TON-MILES						
Total	656	100.0	21.9	62.9	10.7	4.5
Under 1,000 pounds	95	100.0	3.5	78.2	3.9	14.4
Under 50 pounds	3	100.0	3.0	35.9	1.8	59.3
50 to 99 pounds	5	100.0	4.4	57.7	1.6	36.3
100 to 199 pounds	12	100.0	2.3	72.7	1.1	23.9
200 to 499 pounds	31	100.0	4.7	80.7	2.6	12.0
500 to 999 pounds	44	100.0	2.9	83.1	6.1	7.9
1,000 to 9,999 pounds	215	100.0	2.0	77.3	16.5	4.2
1,000 to 1,999 pounds	54	100.0	2.7	78.0	12.9	6.4
2,000 to 2,999 pounds	32	100.0	2.1	78.9	17.2	1.8
3,000 to 3,999 pounds	21	100.0	1.7	79.1	13.0	6.2
4,000 to 4,999 pounds	18	100.0	3.3	66.5	27.0	3.2
5,000 to 9,999 pounds	90	100.0	1.4	77.9	17.1	3.6
10,000 to 29,999 pounds	119	100.0	5.6	68.1	20.6	5.7
10,000 to 19,999 pounds	63	100.0	8.7	64.0	17.0	10.3
20,000 to 29,999 pounds	56	100.0	2.1	72.9	24.6	.4
30,000 to 59,999 pounds	121	100.0	20.0	74.6	5.4	-
30,000 to 39,999 pounds	75	100.0	12.1	82.5	5.4	-
40,000 to 49,999 pounds	44	100.0	30.0	64.3	5.7	-
50,000 to 59,999 pounds	2	100.0	86.2	11.2	2.6	-
60,000 to 89,999 pounds	87	100.0	98.8	1.2	-	-
60,000 to 69,999 pounds	41	100.0	98.4	1.6	-	-
70,000 to 79,999 pounds	-	-	-	-	-	-
80,000 to 89,999 pounds	46	100.0	100.0	-	-	-
90,000 pounds and over	19	100.0	100.0	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 215--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Miscellaneous Electrical Machinery and Supplies

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,921	100.0	10.1	62.7	24.1	3.1
Under 200 miles	744	100.0	2.7	50.2	44.2	2.9
Under 1,000 pounds	82	100.0	.1	69.6	21.4	8.9
1,000 to 9,999 pounds	273	100.0	.3	54.9	42.1	2.7
10,000 to 29,999 pounds	195	100.0	.7	33.0	62.8	3.5
30,000 to 59,999 pounds	175	100.0	2.2	55.7	42.1	-
60,000 to 89,999 pounds	5	100.0	-	100.0	-	-
90,000 pounds and over	14	100.0	100.0	-	-	-
200 to 399 miles	702	100.0	7.7	74.3	15.3	2.7
Under 1,000 pounds	47	100.0	.2	83.0	8.0	8.8
1,000 to 9,999 pounds	206	100.0	.3	72.3	20.8	6.6
10,000 to 29,999 pounds	193	100.0	.3	69.0	30.0	.7
30,000 to 59,999 pounds	218	100.0	7.5	91.1	1.4	-
60,000 to 89,999 pounds	14	100.0	91.6	8.4	-	-
90,000 pounds and over	24	100.0	100.0	-	-	-
400 to 599 miles	219	100.0	17.1	71.7	9.2	2.0
Under 1,000 pounds	26	100.0	1.2	84.2	2.9	11.7
1,000 to 9,999 pounds	69	100.0	3.8	73.1	21.1	2.0
10,000 to 29,999 pounds	37	100.0	11.8	87.2	1.0	-
30,000 to 59,999 pounds	64	100.0	11.5	81.4	7.1	-
60,000 pounds and over	23	100.0	100.0	-	-	-
600 to 999 miles	133	100.0	26.2	68.1	2.2	3.5
Under 1,000 pounds	26	100.0	4.0	79.1	.9	16.0
1,000 to 9,999 pounds	48	100.0	3.0	90.6	5.5	.9
10,000 to 29,999 pounds	25	100.0	4.2	95.8	-	-
30,000 to 59,999 pounds	9	100.0	68.3	31.7	-	-
60,000 to 89,999 pounds	7	100.0	100.0	-	-	-
90,000 pounds and over	18	100.0	100.0	-	-	-
1,000 miles and over	123	100.0	38.7	50.5	3.0	7.8
Under 1,000 pounds	25	100.0	5.0	76.9	1.8	16.3
1,000 to 9,999 pounds	39	100.0	2.2	84.3	8.2	5.3
10,000 to 29,999 pounds	10	100.0	17.7	48.6	-	33.7
30,000 to 59,999 pounds	15	100.0	66.1	33.9	-	-
60,000 pounds and over	34	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	656	100.0	21.9	62.9	10.7	4.5
Under 200 miles	68	100.0	2.0	60.3	34.9	2.8
Under 1,000 pounds	8	100.0	.2	76.6	16.9	6.3
1,000 to 9,999 pounds	28	100.0	.3	61.6	34.5	3.6
10,000 to 29,999 pounds	16	100.0	.3	43.9	53.8	2.0
30,000 to 59,999 pounds	14	100.0	3.6	68.6	27.8	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-
200 to 399 miles	185	100.0	6.3	74.8	15.9	3.0
Under 1,000 pounds	14	100.0	.2	82.5	8.1	9.2
1,000 to 9,999 pounds	58	100.0	.2	71.8	21.3	6.7
10,000 to 29,999 pounds	50	100.0	.2	68.5	30.6	.7
30,000 to 59,999 pounds	55	100.0	6.3	92.4	1.3	-
60,000 to 89,999 pounds	3	100.0	86.5	13.5	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 215--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Miscellaneous Electrical Machinery and Supplies

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	102	100.0	19.4	69.4	9.2	2.0
Under 1,000 pounds	13	100.0	1.1	84.4	3.2	11.3
1,000 to 9,999 pounds	33	100.0	4.2	73.2	20.7	1.9
10,000 to 29,999 pounds	16	100.0	13.0	85.8	1.2	-
30,000 to 59,999 pounds	27	100.0	12.7	80.3	7.0	-
60,000 pounds and over	13	100.0	100.0	-	-	-
600 to 999 miles	99	100.0	27.1	67.4	2.0	3.5
Under 1,000 pounds	19	100.0	3.8	79.4	.8	16.0
1,000 to 9,999 pounds	35	100.0	2.9	91.1	5.1	.9
10,000 to 29,999 pounds	18	100.0	3.5	96.5	-	-
30,000 to 59,999 pounds	7	100.0	70.4	29.6	-	-
60,000 to 89,999 pounds	7	100.0	100.0	-	-	-
90,000 pounds and over	13	100.0	100.0	-	-	-
1,000 miles and over	202	100.0	41.8	47.2	2.8	8.2
Under 1,000 pounds	41	100.0	5.9	74.7	1.6	17.8
1,000 to 9,999 pounds	61	100.0	2.9	83.7	8.1	5.3
10,000 to 29,999 pounds	18	100.0	20.7	45.6	-	33.7
30,000 to 59,999 pounds	17	100.0	68.5	31.5	-	-
60,000 pounds and over	65	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 215--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Miscellaneous Electrical Machinery and Supplies

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	2,018	100.0	9.6	60.6	26.8	0.3	-	2.7	-
Middle Atlantic	324	100.0	6.1	74.8	14.9	.2	-	4.0	-
East North Central	1,234	100.0	11.7	64.2	22.7	.3	-	1.1	-
South Atlantic	126	100.0	.1	35.8	63.9	.1	-	-	0.1
Balance of United States[1]	334	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	677	100.0	21.2	62.3	12.1	.7	-	3.7	-
Middle Atlantic	127	100.0	12.0	75.1	6.2	.6	-	6.1	-
East North Central	399	100.0	27.2	60.5	8.8	.7	-	2.8	-
South Atlantic	31	100.0	.2	58.1	40.9	.7	-	-	.1
Balance of United States[1]	120	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 215--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Miscellaneous Electrical Machinery and Supplies

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	2,018	2,018	83	278	967	228	192	42	125	14	89
Ton-miles.....millions..	677	677	19	73	206	79	74	15	55	13	143
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	2,018	100.0	4.1	13.8	47.9	11.3	9.5	2.1	6.2	0.7	4.4
Shipments from--											
Middle Atlantic	324	100.0	9.3	37.1	22.1	1.4	24.2	1.0	1.6	.7	2.6
East North Central	1,234	100.0	.3	6.0	70.0	12.7	3.2	1.6	1.4	.4	4.4
South Atlantic	126	100.0	1.2	35.5	1.8	.2	47.0	12.2	.9	-	1.2
Balance of U.S.[2]	334	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	677	100.0	2.8	10.8	30.4	11.7	11.0	2.2	8.1	1.9	21.1
Shipments from--											
Middle Atlantic	127	100.0	3.9	9.0	29.9	3.9	25.4	2.5	5.8	3.3	16.3
East North Central	399	100.0	.6	7.6	38.1	15.9	5.2	1.2	4.2	1.4	25.8
South Atlantic	31	100.0	4.4	27.4	3.1	.8	38.2	13.0	2.0	.1	11.0
Balance of U.S.[2]	120	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 215--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Miscellaneous Electrical Machinery and Supplies

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	2,018	100.0	9.6	60.6	26.8	0.3	-	2.7	-
Middle Atlantic, total	324	100.0	6.1	74.8	14.9	.2	-	4.0	-
Shipments to--									
Middle Atlantic	120	100.0	-	80.6	15.4	-	-	4.0	-
East North Central	72	100.0	1.2	82.9	10.5	.1	-	5.3	-
South Atlantic	79	100.0	23.3	54.5	20.9	.1	-	1.2	-
East North Central, total	1,234	100.0	11.7	64.2	22.7	.3	-	1.1	-
Shipments to--									
Middle Atlantic	74	100.0	12.0	83.3	2.8	.7	-	1.0	0.2
East North Central	865	100.0	7.1	63.0	29.4	.1	-	.4	-
West North Central	156	100.0	12.8	75.6	9.5	.1	-	2.0	-
South Atlantic	40	100.0	26.6	69.4	.5	2.1	-	1.4	-
Pacific	54	100.0	67.5	24.4	-	1.4	-	6.7	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	677	100.0	21.2	62.3	12.1	.7	-	3.7	-
Middle Atlantic, total	127	100.0	12.0	75.1	6.2	.6	-	6.1	-
Shipments to--									
Middle Alantic	11	100.0	.1	82.2	14.9	-	-	2.8	-
East North Central	38	100.0	1.6	85.4	7.5	.1	-	5.4	-
South Atlantic	32	100.0	40.1	50.7	7.1	.1	-	2.0	-
East North Central, total	399	100.0	27.2	60.5	8.8	.7	-	2.8	-
Shipments to--									
Middle Atlantic	30	100.0	14.3	79.2	3.9	.9	-	1.4	.3
East North Central	152	100.0	6.9	75.2	17.5	.1	-	.3	-
West North Central	64	100.0	16.3	73.1	8.8	.1	-	1.7	-
South Atlantic	21	100.0	28.3	67.8	.3	1.9	-	1.7	-
Pacific	103	100.0	68.2	24.0	-	1.6	-	6.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 215--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Miscellaneous Electrical Machinery and Supplies

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	2,018	195	1,074	749	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	677	57	351	269
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	9.6	1.2	2.9	21.5	21.2	4.8	6.4	44.2
Motor carrier.....	60.6	33.3	63.3	64.0	62.3	47.4	73.2	51.1
Private truck.....	26.8	56.4	30.7	13.4	12.1	37.9	15.6	2.1
Air.....	.3	.3	.1	.5	.7	1.5	.2	1.2
Water.....	-	-	-	-	-	-	-	-
Other.....	2.7	8.8	3.0	.6	3.7	8.4	4.6	1.4
Unknown.....	-	-	-	-	-	-	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	22.2	36.0	16.4	26.8	3.2	6.8	2.8	3.0
100 to 199 miles.....	17.9	16.7	21.0	13.7	7.9	9.4	9.4	5.6
200 to 299 miles.....	25.9	20.0	24.5	29.6	18.1	17.7	17.7	18.7
300 to 399 miles.....	10.1	12.3	13.5	4.5	10.4	14.7	14.3	4.3
400 to 499 miles.....	7.7	3.4	10.2	5.4	9.9	5.4	13.1	6.6
500 to 999 miles.....	10.0	6.4	9.1	12.3	20.3	16.2	19.1	22.8
1,000 miles and over.....	6.2	5.2	5.3	7.7	30.2	29.8	23.6	39.0

Table 8. SHIPPER CLASS 215--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Miscellaneous Electrical Machinery and Supplies

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	33.6	19.6	45.0	62.1
Highway facilities	87.3	93.5	79.2	93.0
Rail and highway facilities	28.6	19.6	34.6	55.1
Air facilities	79.7	73.8	86.3	80.5
Rail, highway, and air facilities	24.9	19.6	28.6	39.1
Water facilities	24.8	19.6	30.7	25.4
Rail, highway, air, and water facilities	5.7	6.5	5.0	3.5

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.5 percent reported they did not have any of the above transportation facilities available.

Shipper Group 22

Motor Vehicles and Equipment

221 Truck and bus bodies and truck trailers

222 Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories

SAMPLE SIZE

The sample for this shipper group consisted of 256 establishments, of which 215 were "in scope" and provided data from 30,522 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (41 establishments) were "out of scope" either because they served local markets almost exclusively, or because the plants production moved from the plant under its own power.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The two classes in Shipper Group 22 and their related SIC industries are as follows:

Shipper Class 221.--Truck and bus bodies and truck trailers
- SIC 3713.--Truck and bus bodies
- SIC 3715.--Truck trailers

Shipper Class 222.--Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories
- SIC 3711.--Motor vehicles
- SIC 3712.--Passenger car bodies
- SIC 3714.--Motor vehicle parts and accessories

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
221–Truck and bus bodies and truck trailers	3713,3715	3713,3715
222–Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories	3711,3712,3714	3711,3712,3714

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 82 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 22	36,525	100.0	81.8	18.2
Class 221	896	100.0	52.5	47.5
Class 222	35,629	100.0	82.5	17.5

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Motor Vehicles and Equipment Shipper Group shipped (beyond the local area) about 36,525,000 tons of commodities during 1967. These shipments generated about 15 billion ton-miles by all means of transport combined, averaging about 409 straight-line miles per ton shipped.

As shown in table A, the Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories Shipper Class dominated this group, shipping 35.6 million tons.

The Truck and Bus Bodies and Truck Trailers Shipper Class is shown as shipping 896 thousand tons. This does not include products that moved on their own wheels or vehicle bodies that the manufacturer mounted on a chassis provided by the purchaser, or truck trailers that were towed away by the purchaser's truck-tractor.

Rails were the major means of transport for the shipper group and for each of the shipper classes, accounting for 58 percent of the total tons in each instance. Motor carriers transported 37 percent of the tons and private trucks 5 percent for the shipper group and for the Motor Vehicles Shipper Class.

When measured in terms of ton-miles, rather than tons, the rail share increased to 76 percent for the shipper group and the Motor Vehicles Shipper Class. Motor carriers accounted for 21 percent of the ton-miles for the shipper group and each of the shipper classes. Of the 15 billion ton-miles for the shipper group, the rail share was 11 billion, and the motor carrier share was 3 billion.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated less than 1 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the Motor Vehicles and Equipment Shipper Group and shipper classes for both years. An increase for the Motor Vehicles and Passenger Car Bodies Shipper Class is indicated in the table, from 33.2 million tons in 1963 to 35.6 million tons in 1967. The decline indicated for Shipper Class 221 reflects, at least in part, a more rigorous editing of shipping reports in 1967 to identify and exclude "drive aways" and "haul aways," many of which, in 1963, were classified as being transported by private or other transport.

As shown in table C, the relative distribution by means of transport for the two years is fairly stable for the shipper group and for the Motor Vehicles Shipper Class. Rails show an increase of about 6 percent in 1967 with the loss occurring primarily for motor carriers.

There is a tendency toward shorter hauls in 1967 for the shipper group and for the Motor Vehicles Shipper Class. As shown in table D, the length of haul for each of the major means of transport is less in 1967 than it was in 1963. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond the local) shipments and is not affected by changes in the volume of local shipments.

Comparisions of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 22: Motor vehicles and equipment	36,525	21,044	13,476	1,793	212
Shipper Classes:					
221. Truck and bus bodies and truck trailers.	896	518	237	128	13
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories	35,629	20,526	13,239	1,665	199
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 22: Motor vehicles and equipment	14,944	11,339	3,133	250	222
Shipper Classes:					
221. Truck and bus bodies and truck trailers.	608	416	125	49	18
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories	14,336	10,923	3,008	201	204

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 22: Motor vehicle and equipment	36,525	34,684	34,717
Shipper Classes:			
221. Truck and bus bodies and truck trailers	896	1,504	1,534
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories	35,629	33,180	33,183

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 22: Motor vehicles and equipment:					
1967	100.0	57.6	36.9	4.9	0.6
1963	100.0	51.2	42.2	5.7	.9
Shipper Classes					
221. Truck and bus bodies and truck trailers:					
1967	100.0	57.9	26.4	14.3	1.4
1963[1]	-	-	-	-	-
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories:					
1967	100.0	57.5	37.2	4.7	.6
1963	100.0	53.2	42.0	4.1	.7
TON-MILES					
Shipper Group 22: Motor vehicles and equipment:					
1967	100.0	75.8	21.0	1.7	1.5
1963	100.0	69.8	26.2	2.9	1.1
Shipper Classes					
221. Truck and bus bodies and truck trailers:					
1967	100.0	68.5	20.5	8.0	3.0
1963[1]	-	-	-	-	-
222. Motor vehicles, passenger car bodies and body parts, and motor vehicle parts and accessories:					
1967	100.0	76.1	21.0	1.4	1.5
1963	100.0	72.6	25.2	1.4	.8

[1]1963 data not comparable.

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 22: Motor vehicles and equipment:				
1967	409	539	232	139
1963	457	623	284	233
SHIPPER CLASSES				
221. Truck and bus bodies and truck trailers:				
1967	679	803	527	383
1963[1]	-	-	-	-
222. Motor vehicles, passenger car bodies and body parts, and motor vehicles parts and accessories:				
1967	402	532	227	121
1963	456	622	273	156

[1]1963 data not comparable.

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct-route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 22: Motor Vehicles and Equipment

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	60.5	35.0	3.8	0.7
1963	100.0	54.4	39.7	5.0	.9
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	41.8	50.9	7.0	.3
1963	100.0	38.0	53.1	8.1	.8
200 to 399 miles:					
1967	100.0	51.8	44.7	2.8	.7
1963	100.0	38.0	57.3	3.6	1.1
400 to 599 miles:					
1967	100.0	80.9	17.0	1.4	.7
1963	100.0	72.1	23.7	3.1	1.1
600 to 999 miles:					
1967	100.0	85.8	12.1	1.8	.3
1963	100.0	60.5	34.1	4.8	.6
1,000 miles and over:					
1967	100.0	88.2	8.7	1.1	2.0
1963	100.0	85.0	12.3	1.6	1.1
WEIGHT					
Under 1,000 pounds:					
1967	100.0	1.0	74.0	15.6	9.4
1963	100.0	1.5	75.9	14.8	7.8
1,000 to 9,999 pounds:					
1967	100.0	48.1	48.8	2.2	.9
1963	100.0	25.4	70.4	3.2	1.0
10,000 to 29,999 pounds:					
1967	100.0	41.9	49.2	7.7	1.2
1963	100.0	44.9	42.1	11.9	1.1
30,000 to 59,999 pounds:					
1967	100.0	52.7	38.8	8.4	.1
1963	100.0	62.9	30.8	5.5	.8
60,000 pounds and over:					
1967	100.0	94.3	5.2	.4	.1
1963	100.0	94.0	5.5	.1	.4

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 22: Motor Vehicles and Equipment

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	57.6	36.9	4.9	0.6
1963	100.0	51.2	42.2	5.7	.9
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	.4	53.4	39.0	7.2
20 to 99 employees:					
1967	100.0	51.6	39.4	7.0	2.0
1963	100.0	.2	37.2	59.4	3.2
100 to 499 employees:					
1967	100.0	33.0	35.6	30.4	1.0
1963	100.0	10.7	60.8	26.0	2.5
500 employees and over:					
1967	100.0	58.2	36.9	4.3	.6
1963	100.0	55.1	41.2	2.9	.8

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 22: Motor Vehicles and Equipment

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	57.6	36.9	4.9	0.6
1963	100.0	51.2	42.2	5.7	.9
New England and Middle Atlantic:					
1967	100.0	42.9	55.9	1.0	.2
1963	100.0	43.9	52.1	2.9	1.1
East North Central:					
1967	100.0	60.7	33.4	5.4	.5
1963	100.0	57.6	35.9	5.5	1.0
West North Central:					
1967	100.0	66.2	32.9	.5	.4
1963	100.0	42.3	55.3	2.0	.4

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 22: MOTOR VEHICLES AND EQUIPMENT		
Total shipments	36,525	4.6
Shipments by--		
Rail	21,044	3.4
Motor carrier	13,476	6.8
Private truck	1,793	16.2
All other	212	-
Shipments from--		
Middle Atlantic Division	2,916	3.6
East North Central Division	26,764	5.4
West North Central Division	2,476	10.4
South Atlantic Division	1,950	3.2
East South Central Division	588	32.6
Pacific Division	1,360	13.4
Balance of United States	471	-
SHIPPER CLASS 221: TRUCK AND BUS BODIES AND TRUCK TRAILERS		
Total shipments	896	32.6
Shipments by--		
Rail	518	47.4
Motor carrier	237	28.2
Private truck	128	30.8
All other	13	-
SHIPPER CLASS 221: TRUCK AND BUS BODIES AND TRUCK TRAILERS--Con.		
Shipments from--		
Middle Atlantic Division	85	54.0
East North Central Division	147	33.8
Pacific Division	275	65.0
Balance of United States	389	-
SHIPPER CLASS 222: MOTOR VEHICLES, PASSENGER CAR BODIES AND BODY PARTS, AND MOTOR VEHICLE PARTS AND ACCESSORIES		
Total shipments	35,629	4.2
Shipments by--		
Rail	20,526	2.8
Motor carrier	13,239	6.6
Private truck	1,665	17.8
All other	199	-
Shipments from--		
Middle Atlantic Division	2,831	3.2
East North Central Division	26,617	5.6
West North Central Division	2,188	2.6
South Atlantic Division	1,921	2.4
Balance of United States	2,072	-

TABLE 1. SHIPPER GROUP 22--Percent Distribution of Distance, by Means of Transport: 1967

Motor Vehicles and Equipment

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	36,525	100.0	57.6	36.9	4.9	0.2	0.1	0.2	0.1
Under 50 miles	5,064	100.0	42.9	34.9	22.0	-	-	.2	-
50 to 99 miles	3,683	100.0	35.8	60.3	3.7	-	-	.1	.1
100 to 199 miles	5,570	100.0	31.9	65.0	2.6	.1	-	.3	.1
200 to 299 miles	5,750	100.0	49.0	48.8	1.5	.2	-	.5	-
300 to 399 miles	2,964	100.0	52.7	42.2	4.4	.1	-	.5	.1
400 to 499 miles	3,994	100.0	80.0	17.9	1.6	.3	-	.1	.1
500 to 599 miles	2,491	100.0	84.0	14.6	.7	.2	.2	.1	.2
600 to 799 miles	2,802	100.0	85.5	12.5	1.8	.2	-	-	-
800 to 999 miles	1,113	100.0	88.1	10.3	1.3	.1	-	.1	.1
1,000 to 1,199 miles	598	100.0	87.8	7.6	3.6	.9	-	.1	-
1,200 to 1,499 miles	450	100.0	84.7	13.8	.7	.1	-	.1	.6
1,500 to 1,999 miles	1,345	100.0	92.2	7.1	.3	.4	-	-	-
2,000 miles and over	701	100.0	84.1	9.1	.3	.6	5.4	.5	-
TON-MILES	(millions of ton-miles)								
Total	14,944	100.0	75.8	21.0	1.7	.3	.9	.2	.1
Under 50 miles	125	100.0	45.7	36.6	17.6	-	-	.1	-
50 to 99 miles	269	100.0	34.7	61.3	3.8	-	-	.1	.1
100 to 199 miles	816	100.0	32.0	64.8	2.6	.1	-	.4	.1
200 to 299 miles	1,420	100.0	50.4	47.3	1.6	.2	-	.5	-
300 to 399 miles	1,015	100.0	53.0	41.8	4.5	.1	-	.5	.1
400 to 499 miles	1,798	100.0	80.2	17.7	1.6	.3	-	.1	.1
500 to 599 miles	1,356	100.0	83.8	14.6	.7	.3	.3	.1	.2
600 to 799 miles	1,875	100.0	85.2	12.7	1.9	.2	-	-	-
800 to 999 miles	1,007	100.0	88.1	10.2	1.4	.1	-	.1	.1
1,000 to 1,199 miles	651	100.0	87.9	7.6	3.5	.9	-	.1	-
1,200 to 1,499 miles	603	100.0	84.9	13.6	.7	.1	-	.1	.6
1,500 to 1,999 miles	2,482	100.0	92.4	6.9	.3	.4	-	-	-
2,000 miles and over	1,527	100.0	80.8	9.1	.3	.6	8.7	.5	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2 SHIPPER GROUP 22--Percent Distribution of Weight, by Means of Transport: 1967

Motor Vehicles and Equipment

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	31,673	100.0	60.5	35.0	3.8	0.7
Under 1,000 pounds	293	100.0	1.0	74.0	15.6	9.4
Under 50 pounds	12	100.0	1.9	39.5	5.2	53.4
50 to 99 pounds	16	100.0	.4	80.5	2.9	16.2
100 to 199 pounds	29	100.0	2.1	84.7	4.2	9.0
200 to 499 pounds	90	100.0	1.3	78.6	12.2	7.9
500 to 999 pounds	146	100.0	.7	71.0	22.2	6.1
1,000 to 9,999 pounds	11,774	100.0	48.1	48.8	2.2	.9
1,000 to 1,999 pounds	211	100.0	1.1	74.6	19.5	4.8
2,000 to 2,999 pounds	975	100.0	52.2	43.8	2.2	1.8
3,000 to 3,999 pounds	5,809	100.0	50.8	48.3	.5	.4
4,000 to 4,999 pounds	3,607	100.0	51.7	47.2	.9	.2
5,000 to 9,999 pounds	1,172	100.0	28.9	56.1	11.0	4.0
10,000 to 29,999 pounds	4,166	100.0	41.9	49.2	7.7	1.2
10,000 to 19,999 pounds	1,740	100.0	34.6	55.9	7.5	2.0
20,000 to 29,999 pounds	2,426	100.0	47.2	44.6	7.8	.4
30,000 to 59,999 pounds	6,735	100.0	52.7	38.8	8.4	.1
30,000 to 39,999 pounds	2,713	100.0	45.2	47.5	7.2	.1
40,000 to 49,999 pounds	2,634	100.0	49.4	38.7	11.8	.1
50,000 to 59,999 pounds	1,388	100.0	73.5	22.2	4.3	-
60,000 to 89,999 pounds	3,052	100.0	92.4	6.9	.6	.1
60,000 to 69,999 pounds	935	100.0	86.1	12.6	1.3	-
70,000 to 79,999 pounds	898	100.0	95.8	3.9	.3	-
80,000 to 89,999 pounds	1,219	100.0	94.7	4.7	.2	.4
90,000 pounds and over	5,653	100.0	95.2	4.3	.3	.2
	(millions of ton-miles)					
TON-MILES						
Total	13,529	100.0	76.7	20.0	1.7	1.6
Under 1,000 pounds	147	100.0	2.1	75.1	9.3	13.5
Under 50 pounds	7	100.0	2.6	35.8	1.7	59.9
50 to 99 pounds	9	100.0	.5	78.6	1.3	19.6
100 to 199 pounds	15	100.0	4.5	79.3	2.2	14.0
200 to 499 pounds	46	100.0	2.8	77.1	7.1	13.0
500 to 999 pounds	70	100.0	1.4	76.2	14.2	8.2
1,000 to 9,999 pounds	5,546	100.0	74.4	21.9	1.5	2.2
1,000 to 1,999 pounds	83	100.0	3.3	71.2	15.6	9.9
2,000 to 2,999 pounds	468	100.0	71.7	19.7	1.2	7.4
3,000 to 3,999 pounds	2,555	100.0	77.2	20.4	.3	2.1
4,000 to 4,999 pounds	1,935	100.0	81.3	17.8	.6	.3
5,000 to 9,999 pounds	505	100.0	48.7	38.8	9.3	3.2
10,000 to 29,999 pounds	1,675	100.0	56.0	37.1	5.2	1.7
10,000 to 19,999 pounds	762	100.0	49.4	44.4	4.0	2.2
20,000 to 29,999 pounds	913	100.0	61.5	31.0	6.2	1.3
30,000 to 59,999 pounds	2,762	100.0	74.9	23.2	1.8	.1
30,000 to 39,999 pounds	1,135	100.0	65.9	30.8	2.9	.4
40,000 to 49,999 pounds	1,082	100.0	76.2	22.5	1.3	-
50,000 to 59,999 pounds	545	100.0	90.8	8.8	.4	-
60,000 to 89,999 pounds	1,320	100.0	95.4	4.2	-	.4
60,000 to 69,999 pounds	388	100.0	93.0	6.9	.1	-
70,000 to 79,999 pounds	396	100.0	97.9	2.1	-	-
80,000 to 89,999 pounds	536	100.0	95.3	3.8	-	.9
90,000 pounds and over	2,079	100.0	94.8	3.4	-	1.8

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 22--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Motor Vehicles and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	31,673	100.0	60.5	35.0	3.8	0.7
Under 200 miles	11,912	100.0	41.8	50.9	7.0	.3
Under 1,000 pounds	80	100.0	.1	78.4	16.6	4.9
1,000 to 9,999 pounds	3,627	100.0	5.3	91.6	2.5	.6
10,000 to 29,999 pounds	1,728	100.0	23.8	64.9	10.5	.8
30,000 to 59,999 pounds	2,540	100.0	28.7	51.0	20.2	.1
60,000 to 89,999 pounds	1,153	100.0	89.7	8.8	1.5	-
90,000 pounds and over	2,784	100.0	94.0	5.4	.6	-
200 to 399 miles	7,526	100.0	51.8	44.7	2.8	.7
Under 1,000 pounds	81	100.0	1.0	64.1	27.9	7.0
1,000 to 9,999 pounds	3,065	100.0	35.0	60.8	3.1	1.1
10,000 to 29,999 pounds	955	100.0	43.5	47.3	7.6	1.6
30,000 to 59,999 pounds	1,798	100.0	45.7	53.1	1.2	-
60,000 to 89,999 pounds	678	100.0	94.1	5.9	-	-
90,000 pounds and over	949	100.0	99.7	.3	-	-
400 to 599 miles	5,736	100.0	80.9	17.0	1.4	.7
Under 1,000 pounds	56	100.0	.9	69.8	13.8	15.5
1,000 to 9,999 pounds	2,224	100.0	81.1	16.2	1.8	.9
10,000 to 29,999 pounds	670	100.0	59.1	36.1	3.2	1.6
30,000 to 59,999 pounds	1,174	100.0	79.5	19.5	.8	.2
60,000 to 89,999 pounds	746	100.0	92.4	7.6	-	-
90,000 pounds and over	866	100.0	94.2	5.8	-	-
600 to 999 miles	3,607	100.0	85.8	12.1	1.8	.3
Under 1,000 pounds	42	100.0	.9	87.7	3.2	8.2
1,000 to 9,999 pounds	1,611	100.0	90.5	8.3	.9	.3
10,000 to 29,999 pounds	500	100.0	64.7	27.4	7.6	.3
30,000 to 59,999 pounds	661	100.0	84.9	13.3	1.8	-
60,000 to 89,999 pounds	184	100.0	94.4	5.6	-	-
90,000 pounds and over	609	100.0	94.8	5.2	-	-
1,000 miles and over	2,892	100.0	88.2	8.7	1.1	2.0
Under 1,000 pounds	33	100.0	3.7	77.2	1.5	17.6
1,000 to 9,999 pounds	1,247	100.0	90.7	5.6	1.2	2.5
10,000 to 29,999 pounds	314	100.0	63.7	32.1	1.9	2.3
30,000 to 59,999 pounds	562	100.0	89.5	8.6	1.7	.2
60,000 to 89,999 pounds	291	100.0	97.5	1.0	-	1.5
90,000 pounds and over	445	100.0	96.8	1.2	-	2.0
TON-MILES	(millions of ton-miles)					
Total[1]	13,529	100.0	76.7	20.0	1.7	1.6
Under 200 miles	1,035	100.0	38.0	57.3	4.3	.4
Under 1,000 pounds	9	100.0	.1	77.2	17.4	5.3
1,000 to 9,999 pounds	354	100.0	3.9	93.3	2.2	.6
10,000 to 29,999 pounds	161	100.0	24.3	66.9	7.9	.9
30,000 to 59,999 pounds	229	100.0	32.7	57.9	9.2	.2
60,000 to 89,999 pounds	108	100.0	94.1	5.4	.5	-
90,000 pounds and over	174	100.0	93.8	5.9	.3	-
200 to 399 miles	2,102	100.0	52.8	43.3	3.2	.7
Under 1,000 pounds	24	100.0	.9	63.2	28.6	7.3
1,000 to 9,999 pounds	875	100.0	38.2	57.3	3.4	1.1
10,000 to 29,999 pounds	275	100.0	43.1	46.5	8.9	1.5
30,000 to 59,999 pounds	495	100.0	46.9	52.0	1.1	-
60,000 to 89,999 pounds	185	100.0	95.0	5.0	-	-
90,000 pounds and over	248	100.0	99.8	.2	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 22--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Motor Vehicles and Equipment

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	2,797	100.0	81.3	16.7	1.3	0.7
Under 1,000 pounds	28	100.0	1.0	70.8	13.2	15.0
1,000 to 9,999 pounds	1,090	100.0	81.9	15.6	1.8	.7
10,000 to 29,999 pounds	326	100.0	59.2	36.0	3.0	1.8
30,000 to 59,999 pounds	570	100.0	80.5	18.6	.7	.2
60,000 to 89,999 pounds	366	100.0	91.9	8.1	-	-
90,000 pounds and over	417	100.0	94.3	5.7	-	-
600 to 999 miles	2,646	100.0	85.8	12.0	1.9	.3
Under 1,000 pounds	32	100.0	1.1	87.9	3.3	7.7
1,000 to 9,999 pounds	1,223	100.0	91.1	7.8	.8	.3
10,000 to 29,999 pounds	368	100.0	64.1	27.3	8.3	.3
30,000 to 59,999 pounds	484	100.0	85.6	12.6	1.8	-
60,000 to 89,999 pounds	132	100.0	94.1	5.9	-	-
90,000 pounds and over	407	100.0	93.9	6.1	-	-
1,000 miles and over	4,949	100.0	87.4	8.5	.8	3.3
Under 1,000 pounds	56	100.0	4.1	74.8	1.4	19.7
1,000 to 9,999 pounds	2,004	100.0	88.6	5.8	.9	4.7
10,000 to 29,999 pounds	544	100.0	64.5	30.8	1.8	2.9
30,000 to 59,999 pounds	984	100.0	90.2	8.5	1.0	.3
60,000 to 89,999 pounds	530	100.0	98.4	.7	-	.9
90,000 pounds and over	831	100.0	94.1	1.3	-	4.6

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 22--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Motor Vehicles and Equipment

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	36,525	100.0	57.6	36.9	4.9	0.2	0.1	0.2	0.1
Middle Atlantic	2,916	100.0	45.7	53.1	1.0	.1	-	-	.1
East North Central	26,764	100.0	60.7	33.4	5.4	.2	.1	.1	.1
West North Central	2,476	100.0	66.2	32.9	.5	.1	.2	-	.1
South Atlantic	1,950	100.0	37.1	60.1	2.5	.1	-	-	.2
East South Central	588	100.0	30.7	23.1	36.2	-	-	9.7	.3
Pacific[1]	1,360	100.0	58.7	37.0	2.6	.1	1.3	.2	.1
Balance of United States[2]	471	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	14,944	100.0	75.8	21.0	1.7	.3	.9	.2	.1
Middle Atlantic	1,037	100.0	70.4	28.0	1.0	.3	-	-	.3
East North Central	10,805	100.0	78.1	19.6	1.2	.3	.7	.1	-
West North Central	1,328	100.0	80.5	17.5	.3	.1	1.5	-	.1
South Atlantic	582	100.0	62.4	35.1	2.0	.1	-	-	.4
East South Central	264	100.0	45.2	15.9	32.7	-	-	5.8	.4
Pacific[1]	804	100.0	71.4	21.7	.5	.2	5.7	.5	-
Balance of United States[2]	124	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER GROUP 22--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Motor Vehicles and Equipment

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	36,525	36,525	1,009	4,674	16,340	3,141	4,006	1,643	2,090	619	3,003
Ton-miles.....millions..	14,944	14,944	435	1,593	2,463	1,481	1,906	585	1,607	595	4,279
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	36,525	100.0	2.8	12.8	44.7	8.6	11.0	4.5	5.7	1.7	8.2
Shipments from--											
Middle Atlantic.....	2,916	100.0	12.0	39.0	19.5	4.6	17.8	1.2	2.8	.1	3.0
East North Central.....	26,764	100.0	1.8	10.3	55.6	8.6	9.0	3.9	3.6	.8	6.4
West North Central.....	2,476	100.0	.9	5.2	23.1	24.3	3.4	6.0	21.2	9.3	6.6
South Atlantic.....	1,950	100.0	5.3	25.0	8.4	.9	43.0	12.4	4.6	.2	.2
East South Central.....	588	100.0	2.1	8.7	15.4	7.8	19.5	25.6	16.8	.9	3.2
Pacific[2].....	1,360	100.0	.1	.5	1.6	1.6	1.0	.3	7.7	12.3	74.9
Balance of U.S.[3].....	471	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	14,944	100.0	2.9	10.7	16.5	9.9	12.8	3.9	10.8	4.0	28.5
Shipments from--											
Middle Atlantic.....	1,037	100.0	6.1	13.0	19.5	10.0	20.1	2.0	9.6	.5	19.2
East North Central.....	10,805	100.0	2.7	11.1	17.8	10.6	12.1	3.5	8.9	2.5	30.8
West North Central.....	1,328	100.0	1.7	8.5	15.3	11.7	4.5	4.6	19.4	14.7	19.6
South Atlantic.....	582	100.0	6.2	13.6	12.7	2.2	41.4	11.4	9.4	1.1	2.0
East South Central.....	264	100.0	4.2	10.9	8.8	8.9	17.2	15.0	19.5	2.2	13.3
Pacific[2].....	804	100.0	.6	2.2	4.8	3.4	3.8	.8	16.8	13.8	53.8
Balance of U.S.[3].....	124	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER GROUP 22--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Motor Vehicles and Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	36,525	100.0	57.6	36.9	4.9	0.2	0.1	0.2	0.1
Middle Atlantic, total	2,916	100.0	45.7	53.1	1.0	.1	-	-	.1
Shipments to--									
New England	349	100.0	5.7	93.5	.8	-	-	-	-
Middle Atlantic	1,138	100.0	26.0	73.0	1.0	-	-	-	-
East North Central	569	100.0	65.1	33.1	1.5	.2	-	.1	-
South Atlantic	519	100.0	69.2	29.8	.9	.1	-	-	-
East North Central, total	26,764	100.0	60.7	33.4	5.4	.2	.1	.1	.1
Shipments to--									
New England	469	100.0	91.0	9.0	-	-	-	-	-
Middle Atlantic	2,746	100.0	71.6	26.7	.8	.3	.2	.3	.1
East North Central	14,916	100.0	45.9	44.8	9.0	.1	-	.1	.1
West North Central	2,305	100.0	80.6	18.4	.8	.2	-	-	-
South Atlantic	2,401	100.0	82.8	16.3	.6	.3	-	-	-
East South Central	1,043	100.0	57.4	40.6	1.9	.1	-	-	-
West South Central	975	100.0	87.1	8.8	3.4	.5	-	.1	.1
Mountain	205	100.0	80.3	17.5	1.7	.4	-	.1	-
Pacific	1,704	100.0	91.7	6.5	.3	.5	.9	.1	-
West North Central, total	2,476	100.0	66.2	32.9	.5	.1	.2	-	.1
Shipments to--									
East North Central	572	100.0	61.8	36.8	1.2	.2	-	-	-
West North Central	603	100.0	27.2	71.8	.7	-	-	-	.3
West South Central	525	100.0	82.2	17.8	-	-	-	-	-
South Atlantic, total	1,950	100.0	37.1	60.1	2.5	.1	-	-	.2
Shipments to--									
Middle Atlantic	487	100.0	13.0	79.7	7.3	-	-	-	-
South Atlantic	839	100.0	40.1	58.8	1.1	-	-	-	-
Pacific, total	1,360	100.0	58.7	37.0	2.6	.1	1.3	.2	.1
Shipments to--									
Mountain	167	100.0	77.8	22.0	-	-	-	.2	-
Pacific	1,021	100.0	52.5	42.1	3.4	-	1.7	.1	.2
TON-MILES	(millions of ton-miles)								
U.S. total	14,944	100.0	75.8	21.0	1.7	.3	.9	.2	.1
Middle Atlantic, total	1,037	100.0	70.4	28.0	1.0	.3	-	-	.3
Shipments to--									
New England	63	100.0	10.7	87.6	1.7	-	-	-	-
Middle Atlantic	135	100.0	43.6	54.9	1.5	-	-	-	-
East North Central	202	100.0	64.1	34.1	1.6	.1	-	.1	-
South Atlantic	208	100.0	79.8	19.4	.7	.1	-	-	-
East North Central, total	10,805	100.0	78.1	19.6	1.2	.3	.7	.1	-
Shipments to--									
New England	293	100.0	91.2	8.8	-	-	-	-	-
Middle Atlantic	1,196	100.0	73.6	24.8	.6	.3	.3	.2	.2
East North Central	1,918	100.0	48.8	48.2	2.7	.2	-	-	.1
West North Central	1,151	100.0	83.8	15.2	.8	.2	-	-	-
South Atlantic	1,304	100.0	83.7	15.5	.5	.3	-	-	-
East South Central	379	100.0	58.6	37.9	3.4	.1	-	-	-
West South Central	960	100.0	86.6	9.3	3.3	.6	-	.1	.1
Mountain	268	100.0	81.4	16.5	1.5	.4	-	.2	-
Pacific	3,336	100.0	90.7	6.4	.3	.5	2.0	.1	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 22--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Motor Vehicles and Equipment

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(millions of ton-miles)								
TON-MILES--Continued									
West North Central, total	1,328	100.0	80.5	17.5	0.3	0.1	1.5	-	0.1
Shipments to--									
East North Central	203	100.0	71.4	27.2	1.2	.2	-	-	-
West North Central	156	100.0	40.7	58.2	.5	-	-	-	.6
West South Central	258	100.0	85.8	14.2	-	-	-	-	-
South Atlantic, total	582	100.0	62.4	35.1	2.0	.1	-	-	.4
Shipments to--									
Middle Atlantic	79	100.0	26.7	64.4	8.8	-	-	0.1	-
South Atlantic	240	100.0	65.8	33.2	1.0	-	-	-	-
Pacific, total	804	100.0	71.4	21.7	.5	.2	5.7	.5	-
Shipments to--									
Mountain	111	100.0	78.9	20.8	-	-	-	.3	-
Pacific	433	100.0	70.4	18.0	.9	-	10.7	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 22--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Motor Vehicles and Equipment

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped ..... thousands..	36,525	280	813	35,432	(X)	(X)	(X)	(X)
Ton-miles ..... millions..	(X)	(X)	(X)	(X)	14,944	209	425	14,310
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail	57.6	51.6	33.0	58.2	75.8	57.8	53.7	76.7
Motor carrier	36.9	39.4	35.6	36.9	21.0	35.5	23.1	20.7
Private truck	4.9	7.0	30.4	4.3	1.7	2.5	21.4	1.1
Air	.2	-	-	.2	.3	.1	-	.3
Water	.1	.3	.2	.1	.9	1.4	1.0	.9
Other	.2	1.3	.4	.2	.2	2.4	.4	.2
Unknown	.1	.4	.4	.1	.1	.3	.4	.1
DISTANCE OF SHIPMENT								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles	24.0	5.3	3.2	24.6	2.6	.3	.4	2.7
100 to 199 miles	15.3	4.5	21.3	15.2	5.5	1.0	6.2	5.5
200 to 299 miles	15.7	10.9	10.5	15.9	9.5	3.6	5.2	9.7
300 to 399 miles	8.1	3.2	21.6	7.8	6.8	1.5	14.6	6.6
400 to 499 miles	10.9	3.9	8.7	11.0	12.0	2.2	7.5	12.3
500 to 999 miles	17.5	61.4	23.7	17.1	28.4	64.2	33.0	27.7
1,000 miles and over	8.5	10.8	11.0	8.4	35.2	27.2	33.1	35.5

Table 8. SHIPPER GROUP 22--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Motor Vehicles and Equipment

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	41.0	3.6	52.2	97.2
Highway facilities	96.4	100.0	100.0	87.8
Rail and highway facilities	37.4	3.6	52.2	85.0
Air facilities	85.3	85.5	92.1	80.4
Rail, highway, and air facilities	29.4	-	46.6	68.1
Water facilities	33.2	44.6	26.8	18.1
Rail, highway, air, and water facilities	10.4	-	26.8	17.3

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 1.2 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 221--Percent Distribution of Distance, by Means of Transport: 1967

Truck and Bus Bodies and Truck Trailers

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	896	100.0	57.9	26.4	14.3	-	0.4	0.3	0.7
Under 50 miles	11	100.0	7.0	67.3	25.5	-	-	.1	.1
50 to 99 miles	23	100.0	.1	47.3	52.4	-	-	.2	-
100 to 199 miles	79	100.0	3.1	64.9	30.9	-	.3	.8	-
200 to 299 miles	83	100.0	13.2	70.0	16.7	-	-	-	.1
300 to 399 miles	94	100.0	53.0	17.4	29.5	-	-	-	.1
400 to 499 miles	114	100.0	66.0	17.5	15.3	-	-	.1	1.1
500 to 599 miles	47	100.0	62.9	11.8	17.6	-	-	-	7.7
600 to 799 miles	182	100.0	86.5	6.4	6.5	-	-	-	.6
800 to 999 miles	132	100.0	76.4	19.5	3.8	-	-	.3	-
1,000 to 1,499 miles	44	100.0	74.7	18.4	6.9	-	-	-	-
1,500 miles and over	87	100.0	67.3	25.0	1.8	0.2	3.9	1.8	-
TON-MILES	(millions of ton-miles)								
Total	608	100.0	68.5	20.5	8.0	.1	1.7	.7	.5
Under 50 miles	-	-	-	-	-	-	-	-	-
50 to 99 miles	2	100.0	.1	51.5	48.2	-	-	.2	-
100 to 199 miles	12	100.0	3.0	66.2	29.9	-	.2	.7	-
200 to 299 miles	20	100.0	13.5	70.2	16.2	-	-	-	.1
300 to 399 miles	33	100.0	53.6	17.2	29.1	-	-	-	.1
400 to 499 miles	52	100.0	65.9	17.2	15.7	-	-	.1	1.1
500 to 599 miles	26	100.0	62.7	12.0	17.8	-	-	-	7.5
600 to 799 miles	129	100.0	86.9	6.4	6.2	-	-	-	.5
800 to 999 miles	118	100.0	77.3	18.6	3.8	-	-	.3	-
1,000 to 1,499 miles	53	100.0	74.9	18.6	6.5	-	-	-	-
1,500 miles and over	163	100.0	62.8	26.8	1.6	.2	6.2	2.4	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 221--Percent Distribution of Weight, by Means of Transport: 1967

Truck and Bus Bodies and Truck Trailers

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	887	100.0	57.7	26.7	14.2	1.4
Under 1,000 pounds	24	100.0	1.7	81.5	12.2	4.6
Under 50 pounds	1	100.0	2.2	68.5	12.3	17.0
50 to 99 pounds	1	100.0	1.2	75.6	13.4	9.8
100 to 199 pounds	2	100.0	-	88.1	6.5	5.4
200 to 499 pounds	9	100.0	4.1	81.7	10.8	3.4
500 to 999 pounds	11	100.0	-	82.3	14.5	3.2
1,000 to 9,999 pounds	443	100.0	66.2	22.4	11.0	.4
1,000 to 1,999 pounds	13	100.0	.3	85.8	13.6	.3
2,000 to 2,999 pounds	13	100.0	13.4	70.9	15.7	-
3,000 to 3,999 pounds	251	100.0	80.7	17.0	2.2	.1
4,000 to 4,999 pounds	29	100.0	15.1	38.7	45.4	.8
5,000 to 9,999 pounds	137	100.0	61.2	18.5	19.2	1.1
10,000 to 29,999 pounds	337	100.0	49.6	29.4	18.4	2.6
10,000 to 19,999 pounds	196	100.0	56.7	25.6	15.1	2.6
20,000 to 29,999 pounds	141	100.0	39.8	34.8	23.0	2.4
30,000 to 59,999 pounds	66	100.0	51.9	27.8	18.4	1.9
30,000 to 39,999 pounds	25	100.0	24.4	22.8	47.8	5.0
40,000 to 49,999 pounds	33	100.0	65.0	33.9	1.1	-
50,000 to 59,999 pounds	8	100.0	82.0	18.0	-	-
60,000 to 89,999 pounds	16	100.0	97.5	2.5	-	-
60,000 to 69,999 pounds	10	100.0	96.1	3.9	-	-
70,000 to 79,999 pounds	2	100.0	100.0	-	-	-
80,000 to 89,999 pounds	4	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total	604	100.0	68.5	20.6	7.9	3.0
Under 1,000 pounds	12	100.0	3.1	83.2	5.4	8.3
Under 50 pounds	1	100.0	6.1	60.1	4.7	29.1
50 to 99 pounds	1	100.0	1.0	74.6	2.8	21.6
100 to 199 pounds	1	100.0	-	82.9	1.5	15.6
200 to 499 pounds	5	100.0	6.9	84.6	3.6	4.9
500 to 999 pounds	4	100.0	-	86.3	8.9	4.8
1,000 to 9,999 pounds	305	100.0	83.2	10.8	5.5	.5
1,000 to 1,999 pounds	6	100.0	.6	87.8	9.9	1.7
2,000 to 2,999 pounds	7	100.0	39.1	55.2	5.7	-
3,000 to 3,999 pounds	192	100.0	93.0	6.4	.4	.2
4,000 to 4,999 pounds	11	100.0	44.0	21.4	32.2	2.4
5,000 to 9,999 pounds	89	100.0	75.9	10.3	12.8	1.0
10,000 to 29,999 pounds	231	100.0	52.6	31.1	10.8	5.5
10,000 to 19,999 pounds	129	100.0	59.7	28.8	7.3	4.2
20,000 to 29,999 pounds	102	100.0	43.4	34.1	15.3	7.2
30,000 to 59,999 pounds	44	100.0	59.4	21.7	12.2	6.7
30,000 to 39,999 pounds	14	100.0	21.9	20.4	36.5	21.2
40,000 to 49,999 pounds	21	100.0	80.9	17.7	1.4	-
50,000 to 59,999 pounds	9	100.0	67.5	32.5	-	-
60,000 to 89,999 pounds	12	100.0	99.6	.4	-	-
60,000 to 69,999 pounds	6	100.0	99.1	.9	-	-
70,000 to 79,999 pounds	3	100.0	100.0	-	-	-
80,000 to 89,999 pounds	3	100.0	100.0	-	-	-
90,000 pounds and over	-	-	-	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 221--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Truck and Bus Bodies and Truck Trailers

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	887	100.0	57.7	26.7	14.2	1.4
Under 200 miles	113	100.0	2.9	61.6	34.7	.8
Under 1,000 pounds	7	100.0	.1	69.3	28.7	1.9
1,000 to 9,999 pounds	44	100.0	1.2	57.4	40.9	.5
10,000 to 29,999 pounds	52	100.0	5.2	57.4	36.3	1.1
30,000 pounds and over	10	100.0	-	97.0	3.0	-
200 to 399 miles	168	100.0	32.1	44.3	23.5	.1
Under 1,000 pounds	6	100.0	2.3	83.0	11.2	3.5
1,000 to 9,999 pounds	92	100.0	26.0	56.9	17.1	-
10,000 to 29,999 pounds	65	100.0	46.1	24.7	29.2	-
30,000 pounds and over	5	100.0	-	10.8	89.2	-
400 to 599 miles	161	100.0	65.1	15.8	16.0	3.1
Under 1,000 pounds	4	100.0	1.3	91.0	1.6	6.1
1,000 to 9,999 pounds	75	100.0	73.5	13.1	11.6	1.8
10,000 to 29,999 pounds	43	100.0	53.3	14.2	24.6	7.9
30,000 to 59,999 pounds	32	100.0	62.0	17.9	20.1	-
60,000 to 89,999 pounds	6	100.0	100.0	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-
600 to 999 miles	313	100.0	82.3	11.9	5.4	.4
Under 1,000 pounds	5	100.0	.2	90.0	5.5	4.3
1,000 to 9,999 pounds	164	100.0	91.7	5.3	3.0	-
10,000 to 29,999 pounds	127	100.0	71.6	19.1	8.3	1.0
30,000 to 59,999 pounds	10	100.0	87.9	.4	11.7	-
60,000 pounds and over	7	100.0	100.0	-	-	-
1,000 miles and over	132	100.0	69.8	22.8	3.5	3.9
Under 1,000 pounds	2	100.0	8.9	75.7	.5	14.9
1,000 to 9,999 pounds	69	100.0	93.0	4.3	2.2	.5
10,000 to 29,999 pounds	50	100.0	41.4	45.6	6.2	6.8
30,000 to 59,999 pounds	9	100.0	58.9	28.1	-	13.0
60,000 pounds and over	2	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	604	100.0	68.5	20.6	7.9	3.0
Under 200 miles	14	100.0	2.8	64.0	32.4	.8
Under 1,000 pounds	1	100.0	.2	74.7	23.3	1.8
1,000 to 9,999 pounds	5	100.0	.8	55.1	43.6	.5
10,000 to 29,999 pounds	7	100.0	4.9	63.5	30.6	1.0
30,000 pounds and over	1	100.0	-	96.0	4.0	-
200 to 399 miles	50	100.0	35.7	40.0	24.2	.1
Under 1,000 pounds	2	100.0	2.4	82.9	11.1	3.6
1,000 to 9,999 pounds	26	100.0	29.5	54.0	16.5	-
10,000 to 29,999 pounds	21	100.0	48.4	21.3	30.3	-
30,000 pounds and over	1	100.0	-	10.6	89.4	-
400 to 599 miles	78	100.0	64.8	15.5	16.4	3.3
Under 1,000 pounds	2	100.0	1.2	91.2	1.6	6.0
1,000 to 9,999 pounds	36	100.0	73.3	12.4	12.5	1.8
10,000 to 29,999 pounds	21	100.0	52.2	14.6	24.5	8.7
30,000 to 59,999 pounds	15	100.0	61.9	17.1	21.0	-
60,000 pounds and over	4	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 221--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Truck and Bus Bodies and Truck Trailers

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
600 to 999 miles	247	100.0	82.4	12.2	5.0	0.4
Under 1,000 pounds	4	100.0	.3	90.2	6.0	3.5
1,000 to 9,999 pounds	134	100.0	92.0	5.2	2.8	-
10,000 to 29,999 pounds	97	100.0	71.0	20.3	7.8	.9
30,000 to 59,999 pounds	7	100.0	87.9	.5	11.6	-
60,000 pounds and over	5	100.0	100.0	-	-	-
1,000 miles and over	215	100.0	65.7	24.8	2.8	6.7
Under 1,000 pounds	3	100.0	8.3	72.9	.4	18.4
1,000 to 9,999 pounds	105	100.0	92.4	4.7	2.1	.8
10,000 to 29,999 pounds	85	100.0	36.5	47.3	4.5	11.7
30,000 to 59,999 pounds	19	100.0	54.7	29.6	-	15.7
60,000 pounds and over	3	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 221-- Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Truck and Bus Bodies and Truck Trailers

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	896	100.0	57.9	26.4	14.3	-	0.4	0.3	0.7
Middle Atlantic	85	100.0	8.1	55.7	35.9	-	.3	-	-
East North Central	147	100.0	44.6	39.3	14.5	-	.3	.1	1.2
Pacific[1]	275	100.0	66.9	25.6	5.5	0.1	1.0	.9	-
Balance of United States[2]	389	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	608	100.0	68.5	20.5	8.0	.1	1.7	.7	.5
Middle Atlantic	29	100.0	28.4	34.4	36.3	-	.9	-	-
East North Central	80	100.0	56.1	30.3	9.7	.1	2.6	.1	1.1
Pacific[1]	224	100.0	63.2	30.1	1.5	.1	3.2	1.9	-
Balance of United States[2]	275	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 221--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Truck and Bus Bodies and Truck Trailers

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	896	896	40	152	119	75	78	51	51	49	281
Ton-miles.....millions..	608	608	25	94	50	36	52	21	33	49	248
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	896	100.0	4.4	16.9	13.3	8.3	8.7	5.7	5.7	5.5	31.5
Shipments from--											
Middle Atlantic.....	85	100.0	24.4	42.1	16.0	2.8	9.9	.8	.5	.1	3.4
East North Central.....	147	100.0	1.4	35.2	27.4	7.4	8.5	9.0	1.4	1.7	8.0
Pacific[2].....	275	100.0	.7	2.5	3.0	1.0	1.8	.2	2.3	7.9	80.6
Balance of U.S.[3].....	389	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	608	100.0	4.1	15.4	8.2	5.9	8.6	3.4	5.5	8.1	40.8
Shipments from--											
Middle Atlantic.....	29	100.0	18.2	17.3	19.5	7.7	10.3	1.7	1.5	.4	23.4
East North Central.....	80	100.0	1.9	35.5	7.6	5.7	8.2	8.6	2.3	3.2	27.0
Pacific[2].....	224	100.0	2.0	7.5	6.7	1.8	4.9	.4	3.6	7.7	65.4
Balance of U.S.[3].....	275	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 221--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Truck and Bus Bodies and Truck Trailers

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	896	100.0	57.9	26.4	14.3	-	0.4	0.3	0.7
Middle Atlantic, total	85	100.0	8.1	55.7	35.9	-	.3	-	-
Shipments to--									
Middle Atlantic	36	100.0	1.3	65.7	32.4	-	.6	-	-
East North Central, total	147	100.0	44.6	39.3	14.5	-	.3	.1	1.2
Shipments to--									
Middle Atlantic	52	100.0	64.5	23.3	9.7	-	-	-	2.5
East North Central	40	100.0	1.6	76.2	22.0	-	-	.2	-
Pacific, total	275	100.0	66.9	25.6	5.5	0.1	1.0	.9	-
Shipments to--									
Pacific	222	100.0	78.0	13.7	6.8	-	1.2	.3	-
TON-MILES	(millions of ton-miles)								
U.S. total	608	100.0	68.5	20.5	8.0	.1	1.7	.7	.5
Middle Atlantic, total	29	100.0	28.4	34.4	36.3	-	.9	-	-
Shipments to--									
Middle Atlantic	5	100.0	.3	57.6	41.6	-	.5	-	-
East North Central, total	80	100.0	56.1	30.3	9.7	.1	2.6	.1	1.1
Shipments to--									
Middle Atlantic	28	100.0	67.7	21.0	9.2	-	-	-	2.1
East North Central	6	100.0	1.2	79.2	19.5	-	-	.1	-
Pacific, total	224	100.0	63.2	30.1	1.5	.1	3.2	1.9	-
Shipments to--									
Pacific	147	100.0	84.9	8.0	2.2	-	4.8	.1	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 221--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Truck and Bus Bodies and Truck Trailers

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	896	225	446	225	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	608	181	291	136
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	57.9	64.4	60.2	46.9	68.5	66.8	78.4	49.8
Motor carrier.....	26.4	27.3	25.2	28.0	20.5	27.5	12.3	28.7
Private truck.....	14.3	6.8	13.4	23.5	8.0	1.7	7.2	18.2
Air.....	-	-	-	.1	.1	-	-	.2
Water.....	.4	.4	.4	.3	1.7	1.6	1.5	2.0
Other.....	.3	1.1	-	.1	.7	2.4	-	.1
Unknown.....	.7	-	.8	1.1	.5	-	.6	1.0
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	3.8	1.9	3.6	6.1	.3	.2	.4	.5
100 to 199 miles.....	8.8	4.4	9.8	11.1	1.9	.8	2.1	3.1
200 to 299 miles.....	9.3	9.2	12.1	3.7	3.4	2.8	4.6	1.5
300 to 399 miles.....	10.5	1.5	16.9	6.7	5.4	.6	9.1	3.8
400 to 499 miles.....	12.7	.7	10.4	29.4	8.6	.4	7.1	22.4
500 to 999 miles.....	40.2	72.2	29.5	29.8	44.9	70.9	34.1	33.6
1,000 miles and over.....	14.7	10.1	17.7	13.2	35.5	24.3	42.6	35.1

Table 8. SHIPPER CLASS 221--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Truck and Bus Bodies and Truck Trailers

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	36.4	11.1	88.4	91.5
Highway facilities.....	98.8	100.0	100.0	83.0
Rail and highway facilities.....	35.2	11.1	88.4	74.5
Air facilities.....	61.6	55.5	75.4	70.2
Rail, highway, and air facilities.....	21.1	-	70.7	44.7
Water facilities.....	25.2	33.3	8.8	6.4
Rail, highway, air, and water facilities.	2.7	-	8.8	6.4

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 4.3 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 222--Percent Distribution of Distance, by Means of Transport: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	35,629	100.0	57.5	37.2	4.7	0.2	0.1	0.2	0.1
Under 50 miles	5,052	100.0	43.0	34.8	22.0	-	-	.2	-
50 to 99 miles	3,660	100.0	36.0	60.4	3.4	-	-	.1	.1
100 to 199 miles	5,491	100.0	32.3	65.0	2.2	.1	-	.3	.1
200 to 299 miles	5,667	100.0	49.5	48.5	1.3	.2	-	.5	-
300 to 399 miles	2,870	100.0	52.7	43.0	3.6	.1	-	.5	.1
400 to 499 miles	3,880	100.0	80.4	17.9	1.2	.3	-	.1	.1
500 to 599 miles	2,444	100.0	84.4	14.7	.4	.2	.2	.1	-
600 to 799 miles	2,621	100.0	85.3	13.0	1.5	.2	-	-	-
800 to 999 miles	982	100.0	89.7	9.1	1.0	.1	-	-	.1
1,000 to 1,199 miles	575	100.0	88.5	7.2	3.3	.9	-	.1	-
1,200 to 1,499 miles	429	100.0	85.1	13.4	.6	.1	-	.1	.7
1,500 to 1,999 miles	1,277	100.0	92.9	6.5	.2	.4	-	-	-
2,000 miles and over	681	100.0	85.7	8.0	.4	.6	5.0	.3	-
TON-MILES	(millions of ton-miles)								
Total	14,336	100.0	76.1	21.0	1.4	.3	.9	.2	.1
Under 50 miles	124	100.0	45.8	36.5	17.6	-	-	.1	-
50 to 99 miles	267	100.0	34.9	61.4	3.5	-	-	.1	.1
100 to 199 miles	804	100.0	32.4	64.9	2.2	.1	-	.3	.1
200 to 299 miles	1,399	100.0	50.9	47.0	1.4	.2	-	.5	-
300 to 399 miles	983	100.0	53.0	42.6	3.7	.1	-	.5	.1
400 to 499 miles	1,746	100.0	80.6	17.7	1.2	.3	-	.1	.1
500 to 599 miles	1,331	100.0	84.3	14.6	.4	.3	.3	.1	-
600 to 799 miles	1,747	100.0	85.1	13.1	1.6	.2	-	-	-
800 to 999 miles	888	100.0	89.7	9.1	1.0	.1	-	-	.1
1,000 to 1,199 miles	626	100.0	88.4	7.2	3.3	1.0	-	.1	-
1,200 to 1,499 miles	575	100.0	85.4	13.3	.5	.1	-	.1	.6
1,500 to 1,999 miles	2,369	100.0	93.0	6.4	.2	.4	-	-	-
2,000 miles and over	1,477	100.0	82.6	7.9	.3	.6	8.3	.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 222--Percent Distribution of Weight, by Means of Transport: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	30,786	100.0	60.6	35.2	3.5	0.7
Under 1,000 pounds	268	100.0	1.0	73.3	15.9	9.8
Under 50 pounds	11	100.0	1.8	35.8	4.3	58.1
50 to 99 pounds	14	100.0	.4	80.9	1.9	16.8
100 to 199 pounds	26	100.0	2.2	84.6	4.0	9.2
200 to 499 pounds	81	100.0	1.0	78.4	12.3	8.3
500 to 999 pounds	136	100.0	.7	70.0	22.8	6.5
1,000 to 9,999 pounds	11,331	100.0	47.4	49.9	1.8	.9
1,000 to 1,999 pounds	199	100.0	1.2	73.9	19.9	5.0
2,000 to 2,999 pounds	962	100.0	52.8	43.4	2.0	1.8
3,000 to 3,999 pounds	5,558	100.0	49.4	49.6	.5	.5
4,000 to 4,999 pounds	3,578	100.0	52.0	47.3	.5	.2
5,000 to 9,999 pounds	1,034	100.0	24.6	61.1	9.9	4.4
10,000 to 29,999 pounds	3,829	100.0	41.2	51.1	6.7	1.0
10,000 to 19,999 pounds	1,544	100.0	31.8	59.7	6.5	2.0
20,000 to 29,999 pounds	2,285	100.0	47.7	45.2	6.8	.3
30,000 to 59,999 pounds	6,670	100.0	52.7	38.9	8.3	.1
30,000 to 39,999 pounds	2,688	100.0	45.4	47.7	6.8	.1
40,000 to 49,999 pounds	2,601	100.0	49.2	38.8	11.9	.1
50,000 to 59,999 pounds	1,381	100.0	73.4	22.3	4.3	-
60,000 to 89,999 pounds	3,036	100.0	92.4	6.9	.6	.1
60,000 to 69,999 pounds	925	100.0	86.0	12.7	1.3	-
70,000 to 79,999 pounds	896	100.0	95.8	3.9	.3	-
80,000 to 89,999 pounds	1,215	100.0	94.6	4.8	.2	.4
90,000 pounds and over	5,652	100.0	95.2	4.3	.3	.2
	(millions of ton-miles)					
TON-MILES						
Total	12,925	100.0	77.0	20.0	1.5	1.5
Under 1,000 pounds	135	100.0	2.0	74.4	9.7	13.9
Under 50 pounds	6	100.0	2.3	33.5	1.4	62.8
50 to 99 pounds	8	100.0	.4	79.1	1.1	19.4
100 to 199 pounds	14	100.0	4.9	79.1	2.2	13.8
200 to 499 pounds	42	100.0	2.3	76.3	7.5	13.9
500 to 999 pounds	65	100.0	1.5	75.4	14.5	8.6
1,000 to 9,999 pounds	5,241	100.0	73.9	22.5	1.3	2.3
1,000 to 1,999 pounds	78	100.0	3.5	70.0	16.0	10.5
2,000 to 2,999 pounds	461	100.0	72.2	19.1	1.2	7.5
3,000 to 3,999 pounds	2,362	100.0	76.0	21.5	.3	2.2
4,000 to 4,999 pounds	1,924	100.0	81.5	17.8	.4	.3
5,000 to 9,999 pounds	416	100.0	43.0	44.9	8.5	3.6
10,000 to 29,999 pounds	1,444	100.0	56.6	38.0	4.3	1.1
10,000 to 19,999 pounds	633	100.0	47.3	47.4	3.4	1.9
20,000 to 29,999 pounds	811	100.0	63.8	30.6	5.1	.5
30,000 to 59,999 pounds	2,718	100.0	75.2	23.2	1.6	-
30,000 to 39,999 pounds	1,122	100.0	66.5	30.9	2.5	.1
40,000 to 49,999 pounds	1,061	100.0	76.1	22.6	1.3	-
50,000 to 59,999 pounds	535	100.0	91.2	8.4	.4	-
60,000 to 89,999 pounds	1,309	100.0	95.3	4.3	-	.4
60,000 to 69,999 pounds	382	100.0	92.9	7.0	.1	-
70,000 to 79,999 pounds	393	100.0	97.9	2.1	-	-
80,000 to 89,999 pounds	534	100.0	95.3	3.8	-	.9
90,000 pounds and over	2,078	100.0	94.8	3.4	-	1.8

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 222--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	30,786	100.0	60.6	35.2	3.5	0.7
Under 200 miles	11,799	100.0	42.2	50.8	6.7	.3
Under 1,000 pounds	74	100.0	.1	79.3	15.5	5.1
1,000 to 9,999 pounds	3,583	100.0	5.3	92.1	2.0	.6
10,000 to 29,999 pounds	1,675	100.0	24.4	65.2	9.7	.7
30,000 to 59,999 pounds	2,531	100.0	28.8	50.8	20.3	.1
60,000 to 89,999 pounds	1,152	100.0	89.8	8.7	1.5	-
90,000 pounds and over	2,784	100.0	94.0	5.4	.6	-
200 to 399 miles	7,358	100.0	52.3	44.7	2.3	.7
Under 1,000 pounds	75	100.0	.9	62.3	29.4	7.4
1,000 to 9,999 pounds	2,973	100.0	35.3	60.9	2.7	1.1
10,000 to 29,999 pounds	890	100.0	43.4	48.9	6.0	1.7
30,000 to 59,999 pounds	1,793	100.0	45.8	53.2	1.0	-
60,000 to 89,999 pounds	678	100.0	94.1	5.9	-	-
90,000 pounds and over	949	100.0	99.7	.3	-	-
400 to 599 miles	5,575	100.0	81.4	17.1	.9	.6
Under 1,000 pounds	52	100.0	.9	67.9	14.9	16.3
1,000 to 9,999 pounds	2,150	100.0	81.5	16.3	1.4	.8
10,000 to 29,999 pounds	627	100.0	59.4	37.6	1.7	1.3
30,000 to 59,999 pounds	1,141	100.0	80.0	19.6	.2	.2
60,000 to 89,999 pounds	739	100.0	92.4	7.6	-	-
90,000 pounds and over	866	100.0	94.2	5.8	-	-
600 to 999 miles	3,294	100.0	86.1	12.2	1.5	.2
Under 1,000 pounds	37	100.0	1.0	87.4	3.0	8.6
1,000 to 9,999 pounds	1,447	100.0	90.4	8.7	.6	.3
10,000 to 29,999 pounds	372	100.0	62.3	30.3	7.4	-
30,000 to 59,999 pounds	652	100.0	84.9	13.5	1.6	-
60,000 to 89,999 pounds	177	100.0	94.2	5.8	-	-
90,000 pounds and over	609	100.0	94.8	5.2	-	-
1,000 miles and over	2,760	100.0	89.1	8.0	.9	2.0
Under 1,000 pounds	31	100.0	3.4	77.2	1.6	17.8
1,000 to 9,999 pounds	1,178	100.0	90.6	5.7	1.1	2.6
10,000 to 29,999 pounds	264	100.0	67.9	29.5	1.1	1.5
30,000 to 59,999 pounds	553	100.0	90.1	8.2	1.7	-
60,000 to 89,999 pounds	290	100.0	97.5	1.0	-	1.5
90,000 pounds and over	444	100.0	96.8	1.2	-	2.0
	(millions of ton-miles)					
TON-MILES						
Total[1]	12,925	100.0	77.0	20.0	1.5	1.5
Under 200 miles	1,021	100.0	38.4	57.3	3.9	.4
Under 1,000 pounds	8	100.0	.1	77.5	16.8	5.6
1,000 to 9,999 pounds	349	100.0	3.9	93.9	1.6	.6
10,000 to 29,999 pounds	154	100.0	25.2	67.0	6.9	.9
30,000 to 59,999 pounds	228	100.0	32.9	57.7	9.2	.2
60,000 to 89,999 pounds	108	100.0	94.2	5.3	.5	-
90,000 pounds and over	174	100.0	93.8	5.9	.3	-
200 to 399 miles	2,052	100.0	53.2	43.4	2.7	.7
Under 1,000 pounds	22	100.0	.8	61.7	30.0	7.5
1,000 to 9,999 pounds	850	100.0	38.5	57.4	3.0	1.1
10,000 to 29,999 pounds	254	100.0	42.7	48.5	7.1	1.7
30,000 to 59,999 pounds	493	100.0	47.1	52.0	.9	-
60,000 to 89,999 pounds	185	100.0	95.0	5.0	-	-
90,000 pounds and over	248	100.0	99.8	.2	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 222--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	2,719	100.0	81.8	16.7	0.9	0.6
Under 1,000 pounds	25	100.0	1.0	69.0	14.2	15.8
1,000 to 9,999 pounds	1,054	100.0	82.2	15.7	1.4	.7
10,000 to 29,999 pounds	306	100.0	59.5	37.4	1.6	1.5
30,000 to 59,999 pounds	555	100.0	80.9	18.7	.2	.2
60,000 to 89,999 pounds	362	100.0	91.8	8.2	-	-
90,000 pounds and over	417	100.0	94.3	5.7	-	-
600 to 999 miles	2,399	100.0	86.2	12.0	1.6	.2
Under 1,000 pounds	28	100.0	1.2	87.6	2.9	8.3
1,000 to 9,999 pounds	1,089	100.0	91.0	8.1	.5	.4
10,000 to 29,999 pounds	271	100.0	61.7	29.8	8.5	-
30,000 to 59,999 pounds	477	100.0	85.6	12.8	1.6	-
60,000 to 89,999 pounds	127	100.0	93.9	6.1	-	-
90,000 pounds and over	407	100.0	93.9	6.1	-	-
1,000 miles and over	4,734	100.0	88.3	7.8	.7	3.2
Under 1,000 pounds	52	100.0	3.8	74.8	1.5	19.9
1,000 to 9,999 pounds	1,899	100.0	88.5	5.8	.9	4.8
10,000 to 29,999 pounds	459	100.0	69.7	27.7	1.3	1.3
30,000 to 59,999 pounds	965	100.0	90.9	8.1	1.0	-
60,000 to 89,999 pounds	527	100.0	98.4	.7	-	.9
90,000 pounds and over	832	100.0	94.1	1.3	-	4.6

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 222--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	35,629	100.0	57.5	37.2	4.7	0.2	0.1	0.2	0.1
Middle Atlantic	2,831	100.0	46.8	53.0	-	.1	-	-	.1
East North Central	26,617	100.0	60.7	33.4	5.4	.2	.1	.1	.1
West North Central	2,188	100.0	64.6	34.8	.2	.1	.2	-	.1
South Atlantic	1,921	100.0	37.7	60.8	1.4	.1	-	-	-
Balance of United States[1]	2,072	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	14,336	100.0	76.1	21.0	1.4	.3	.9	.2	.1
Middle Atlantic	1,008	100.0	71.5	27.8	-	.3	-	-	.4
East North Central	10,725	100.0	78.3	19.5	1.2	.3	.6	.1	-
West North Central	1,103	100.0	78.5	19.4	.2	.1	1.7	-	.1
South Atlantic	572	100.0	63.6	35.6	.7	.1	-	-	-
Balance of United States[1]	928	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 222--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	35,629	35,629	969	4,522	16,221	3,066	3,928	1,592	2,039	570	2,722
Ton-miles.....millions..	14,336	14,336	409	1,500	2,413	1,446	1,854	564	1,574	546	4,030
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	35,629	100.0	2.7	12.7	45.6	8.6	11.0	4.5	5.7	1.6	7.6
Shipments from--											
Middle Atlantic	2,831	100.0	11.6	38.9	19.6	4.7	18.0	1.2	2.9	.1	3.0
East North Central	26,617	100.0	1.8	10.1	55.7	8.6	9.0	3.9	3.7	.8	6.4
West North Central	2,188	100.0	.5	4.0	24.0	25.8	2.4	5.6	22.8	9.4	5.5
South Atlantic	1,921	100.0	5.2	24.8	8.6	.8	43.1	12.5	4.6	.2	.2
Balance of U.S.[2]	2,072	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	14,336	100.0	2.9	10.5	16.8	10.1	12.9	3.9	11.0	3.8	28.1
Shipments from--											
Middle Atlantic	1,008	100.0	5.7	12.9	19.5	10.1	20.3	2.0	9.9	.5	19.1
East North Central	10,725	100.0	2.7	10.9	17.8	10.7	12.1	3.5	8.9	2.5	30.9
West North Central	1,103	100.0	1.1	7.1	16.9	12.8	3.2	4.8	21.8	15.0	17.3
South Atlantic	572	100.0	6.0	13.2	13.0	2.1	41.6	11.4	9.6	1.1	2.0
Balance of U.S.[2]	928	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 222--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	35,629	100.0	57.5	37.2	4.7	0.2	0.1	0.2	0.1
Middle Atlantic, total	2,831	100.0	46.8	53.0	-	.1	-	-	.1
Shipments to--									
Middle Atlantic	1,102	100.0	26.8	73.2	-	-	-	-	-
East North Central	556	100.0	66.0	33.7	-	.2	-	.1	-
South Atlantic	511	100.0	70.3	29.6	-	.1	-	-	-
East North Central, total	26,617	100.0	60.7	33.4	5.4	.2	.1	.1	.1
Shipments to--									
New England	467	100.0	91.2	8.8	-	-	-	-	-
Middle Atlantic	2,695	100.0	71.6	26.8	.7	.3	.2	.3	.1
East North Central	14,876	100.0	46.1	44.7	8.9	.1	-	.1	.1
West North Central	2,294	100.0	80.7	18.3	.8	.2	-	-	-
South Atlantic	2,389	100.0	83.1	16.3	.3	.3	-	-	-
East South Central	1,030	100.0	57.2	41.0	1.7	.1	-	-	-
West South Central	972	100.0	87.1	8.8	3.4	.5	-	.1	.1
Mountain	202	100.0	80.6	17.1	1.8	.4	-	.1	-
Pacific	1,692	100.0	91.9	6.3	.3	.5	.9	.1	-
West North Central, total	2,188	100.0	64.6	34.8	.2	.1	.2	-	.1
Shipments to--									
East North Central	526	100.0	63.3	35.6	.9	.2	-	-	-
West North Central	562	100.0	25.6	74.0	-	-	-	-	.4
West South Central	499	100.0	81.5	18.5	-	-	-	-	-
South Atlantic, total	1,921	100.0	37.7	60.8	1.4	.1	-	-	-
Shipments to--									
Middle Atlantic	476	100.0	13.2	81.4	5.4	-	-	-	-
South Atlantic	828	100.0	40.6	59.4	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	14,336	100.0	76.1	21.0	1.4	.3	.9	.2	.1
Middle Atlantic, total	1,008	100.0	71.5	27.8	-	.3	-	-	.4
Shipments to--									
Middle Atlantic	130	100.0	45.3	54.7	-	-	-	-	-
East North Central	196	100.0	65.1	34.7	-	.1	-	.1	-
South Atlantic	205	100.0	80.9	19.0	-	.1	-	-	-
East North Central, total	10,725	100.0	78.3	19.5	1.2	.3	.6	.1	-
Shipments to--									
New England	291	100.0	91.4	8.6	-	-	-	-	-
Middle Atlantic	1,168	100.0	73.8	24.9	.4	.3	.3	.2	.1
East North Central	1,912	100.0	48.9	48.1	2.7	.2	-	-	.1
West North Central	1,146	100.0	83.9	15.1	.8	.2	-	-	-
South Atlantic	1,298	100.0	83.9	15.5	.3	.3	-	-	-
East South Central	372	100.0	58.4	38.4	3.1	.1	-	-	-
West South Central	958	100.0	86.6	9.3	3.3	.6	-	.1	.1
Mountain	265	100.0	81.7	16.2	1.5	.4	-	.2	-
Pacific	3,315	100.0	90.9	6.2	.3	.5	2.0	.1	-
West North Central, total	1,103	100.0	78.5	19.4	.2	.1	1.7	-	.1
Shipments to--									
East North Central	186	100.0	72.9	25.9	1.0	.2	-	-	-
West North Central	141	100.0	38.0	61.3	-	-	-	-	.7
West South Central	242	100.0	85.2	14.8	-	-	-	-	-
South Atlantic, total	572	100.0	63.6	35.6	.7	.1	-	-	-
Shipments to--									
Middle Atlantic	76	100.0	28.0	67.1	4.9	-	-	-	-
South Atlantic	238	100.0	66.6	33.4	-	-	-	-	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 222--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	35,629	56	366	35,207	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	14,336	29	134	14,173
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	57.5	.2	-	58.2	76.1	.4	-	77.0
Motor carrier.....	37.2	88.2	47.9	37.0	21.0	86.5	46.4	20.6
Private truck.....	4.7	7.7	51.2	4.2	1.4	8.2	52.2	.9
Air.....	.2	.1	-	.2	.3	.5	.1	.3
Water.....	.1	-	-	.1	.9	-	-	.9
Other.....	.2	1.9	.9	.2	.2	2.6	1.3	.2
Unknown.....	.1	1.9	-	.1	.1	1.8	-	.1
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	24.4	19.0	2.7	24.6	2.7	1.1	.3	2.8
100 to 199 miles.....	15.4	4.9	35.2	15.2	5.6	1.6	15.2	5.5
200 to 299 miles.....	15.9	17.5	8.7	16.0	9.8	8.8	6.4	9.8
300 to 399 miles.....	8.1	9.9	27.3	7.9	6.9	6.8	26.3	6.7
400 to 499 miles.....	10.9	16.8	6.6	10.9	12.2	13.6	8.3	12.2
500 to 999 miles.....	17.0	18.1	16.7	17.0	27.7	22.6	31.1	27.6
1,000 miles and over.....	8.3	13.8	2.8	8.4	35.1	45.5	12.4	35.4

Table 8. SHIPPER CLASS 222--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Motor Vehicles, Passenger Car Bodies and Body Parts, and Motor Vehicle Parts and Accessories

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	42.5	-	35.2	97.6
Highway facilities.....	95.6	100.0	100.0	88.1
Rail and highway facilities.....	38.1	-	35.2	85.7
Air facilities.....	92.9	100.0	100.0	81.1
Rail, highway, and air facilities.....	32.1	-	35.2	69.6
Water facilities.....	35.8	50.0	35.2	18.8
Rail, highway, air, and water facilities.	12.8	-	35.2	18.0

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

Shipper Group 23

Transportation Equipment, Except Motor Vehicles

231 Aircraft and parts
232 Ships and boats
233 Other transportation equipment and parts

SAMPLE SIZE

The sample for this shipper group consisted of 371 establishments, of which 254 were "in scope" and provided data from 32,377 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (117 establishments) were "out of scope" either because they served local markets almost exclusively, or because their production moved from the plant by its own power.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The three classes in Shipper Group 23 and their related SIC industries are as follows:

Shipper Class 231.--Aircraft and parts
- SIC 3721.--Aircraft
- SIC 3722.--Aircraft engines and engine parts
- SIC 3723.--Aircraft propellers and propeller parts
- SIC 3729.--Aircraft parts and auxiliary equipment, n.e.c.

Shipper Class 232.--Ships and boats
- SIC 3731.--Ship building and repairing
- SIC 3732.--Boat building and repairing

Shipper Class 233.--Other transportation equipment and parts
- SIC 3741.--Locomotives and parts
- SIC 3742.--Railroad and street cars
- SIC 3751.--Motorcycles, bicycles, and parts
- SIC 3791.--Trailer coaches
- SIC 3799.--Transportation equipment, n.e.c.

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
231–Aircraft and parts	3721,3722,3723,3729	3721,3722,3723,3729
232–Ships and boats	3732	3731,3732
233–Other transportation equipment and parts	3741,3742 (part), 3751,3791,3799	3741,3742,3751,3791, 3799

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 52.2 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total		
		Total	Major commodities	Secondary commodities
Group 23	6,159	100.0	52.2	47.8
Class 231	1,232	100.0	48.4	51.6
Class 232	605	100.0	36.0	64.0
Class 233	4,322	100.0	55.5	44.5

SUMMARY OF FINDINGS

GENERAL--Manufacturing plants in the Transportation Equipment, Except Motor Vehicles Shipper Group shipped (beyond the local area) about 6,159,000 tons of commodities during 1967. Those shipments generated nearly 3 billion ton-miles by all means of transport combined, averaging about 435 straight-line miles per ton shipped.

No attempt was made in this shipper group to measure the intercity shipments of products that moved from the plant by their own power, such as airplanes, railhead engines, or boats that left the plant by water.

As shown in table A, over two-thirds of the total tons shipped by this shipper group were by the Other Transportation Equipment and Parts Shipper Class. The Aircraft and Parts Shipper Class accounted for 1.2 million tons and the Ships and Boats Shipper Class accounted for 605 thousand tons.

Rails were the major means of transport for the shipper group and for the Other Transportation Equipment and Parts Shipper Class. Motor carriers dominated the Aircraft and Parts Shipper Class. While motor carriers were the major transport for the Ships and Boats Shipper Class, private trucks and rails each transported about a quarter of the tonnage.

When measured in terms of ton-miles, rather than tons, distributions by type of transport showed little change. Rail percentages increased somewhat because of longer hauls, but the relative distributions for the shipper group and each shipper class remained the same.

1967 DATA COMPARED WITH 1963--The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 1 percent of the total intercity shipments by manufacturers in this group.

Table B presents data for the Transportation Equipment, Except Motor Vehicles Shipper Group and the shipper classes for both years, which shows that tons shipped by plants in this shipper group almost doubled in 1967. The same situation holds true for the shipper classes, except Ships and Boats where only a slight increase is shown.

As shown in table C, the rail share of total tons shipped increased from 35.5 percent in 1963 to 44.3 percent in1967 for the shipper group and increased for all shipper classes except Ships and Boats. Consequently there was a decline in motor carrier and private truck shares. The Ships and Boats Shipper Class shows a reversal of this trend with an increase in motor carrier and private truck shares and a decline in the rail share. The same pattern is shown for ton-miles.

Table D presents comparisons of the average length of haul for 1967 and 1963, and shows an overall tendency toward shorter hauls in 1967, except for the Ships and Boats Shipper Class. That shipper class provides an exception and shows longer hauls for all types of transport. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown by tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 23: Transportation equipment, except motor vehicles	6,159	2,731	2,292	1,013	123
Shipper Classes:					
231. Aircraft and parts	1,232	331	766	81	54
232. Ships and boats	605	131	270	155	49
233. Other transportation equipment and parts	4,322	2,268	1,256	778	20
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 23: Transportation equipment, except motor vehicles	2,680	1,269	896	449	66
Shipper Classes:					
231. Aircraft and parts	767	249	448	24	46
232. Ships and boats	286	94	108	73	11
233. Other transportation equipment and parts	1,627	926	341	352	8

Note: Because of rounding, detail may not add to total.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 23: Transportation equipment except motor vehicles	6,159	3,202	3,242
Shipper Classes:			
231. Aircraft and parts	1,232	570	572
232. Ships and boats	605	598	619
233. Other transportation equipment and parts	4,322	2,034	2,051

[1]Shipments by plants with less than 20 employees were eliminated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 23: Transportation equipment, except motor vehicles:					
1967	100.0	44.3	37.2	16.5	2.0
1963	100.0	35.5	38.9	21.7	3.9
Shipper Classes					
231. Aircraft and parts:					
1967	100.0	26.9	62.3	6.5	4.3
1963	100.0	16.7	69.0	4.4	9.9
232. Ships and boats:					
1967	100.0	21.7	44.7	25.5	8.1
1963	100.0	49.5	26.1	17.6	6.8
233. Other transportation equipment and parts:					
1967	100.0	52.5	29.1	18.0	.4
1963	100.0	36.6	34.3	27.8	1.3
TON-MILES					
Shipper Group 23: Transportation equipment, except motor vehicles:					
1967	100.0	47.4	33.4	16.8	2.4
1963	100.0	33.0	44.0	16.0	7.0
Shipper Classes					
231. Aircraft and parts:					
1967	100.0	32.4	58.5	3.1	6.0
1963	100.0	16.4	64.7	1.0	17.9
232. Ships and boats:					
1967	100.0	32.8	37.8	25.6	3.8
1963	100.0	42.1	26.8	23.2	7.9
233. Other transportation equipment and parts:					
1967	100.0	57.1	20.9	21.6	.4
1963	100.0	38.9	37.7	21.5	1.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 23: Transportation equipment, except motor vehicles:				
1967	435	465	391	443
1963	446	414	504	329
SHIPPER CLASSES				
231. Aircraft and parts:				
1967	623	752	585	296
1963	699	688	657	160
232. Ships and boats:				
1967	473	718	400	471
1963	252	216	259	330
233. Other transportation equipment and parts:				
1967	376	408	271	452
1963	433	460	477	335

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 23: Transportation Equipment, Except Motor Vehicles

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	45.9	36.9	15.6	1.6
1963	100.0	43.3	36.8	16.6	3.3
DISTANCE (straight-line miles)					
Under 200 miles:					
1967	100.0	44.1	40.5	13.6	1.8
1963	100.0	42.9	36.6	17.5	3.0
200 to 399 miles:					
1967	100.0	45.7	42.5	11.3	.5
1963	100.0	44.8	32.6	21.0	1.6
400 to 599 miles:					
1967	100.0	46.1	30.1	22.8	1.0
1963	100.0	48.3	30.9	19.6	1.2
600 miles and over:					
1967	100.0	49.5	28.3	19.7	2.5
1963	100.0	39.2	45.4	8.5	6.9
WEIGHT					
Under 1,000 pounds:					
1967	100.0	3.0	66.3	15.9	14.8
1963	100.0	7.0	70.1	8.2	14.7
1,000 to 9,999 pounds:					
1967	100.0	4.1	59.3	33.1	3.5
1963	100.0	12.9	50.5	29.7	6.9
10,000 to 29,999 pounds:					
1967	100.0	18.1	47.6	33.3	1.0
1963	100.0	16.6	49.3	31.8	2.3
30,000 pounds and over:					
1967	100.0	62.8	28.7	7.7	.8
1963	100.0	76.1	19.9	3.4	.6

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 23: Transportation Equipment, Except Motor Vehicles

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	44.3	37.2	16.5	2.0
1963	100.0	35.5	38.9	21.7	3.9
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	-	8.1	73.2	18.7
20 to 99 employees:					
1967	100.0	30.7	45.8	22.3	1.2
1963	100.0	39.8	19.4	37.6	3.2
100 to 499 employees:					
1967	100.0	13.7	29.4	55.6	1.3
1963	100.0	17.0	46.9	33.9	2.2
500 employees and over:					
1967	100.0	56.1	39.0	2.6	2.3
1963	100.0	47.8	40.7	6.3	5.2

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 23: Transportation Equipment, Except Motor Vehicles

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	44.3	37.2	16.5	2.0
1963	100.0	35.5	38.9	21.7	3.9
Middle Atlantic:					
1967	100.0	63.6	32.2	3.8	.4
1963	100.0	34.0	40.3	20.2	5.5
East North Central:					
1967	100.0	31.0	45.7	22.3	1.0
1963	100.0	37.8	35.5	25.2	1.5
West North Central:					
1967	100.0	24.2	16.8	57.8	1.2
1963	100.0	11.7	56.3	28.1	3.9
Pacific:					
1967	100.0	25.0	62.9	8.9	3.2
1963	100.0	11.9	57.1	20.6	10.4

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 23: TRANSPORTATION EQUIPMENT, EXCEPT MOTOR VEHICLES		
Total shipments	6,159	5.6
Shipments by--		
Rail	2,731	8.0
Motor carrier	2,292	9.0
Private truck	1,013	22.0
All other	123	-
Shipments from--		
New England Division	131	24.2
Middle Atlantic Division	3,012	7.6
East North Central Division	1,183	10.6
West North Central Division	587	48.0
South Atlantic Division	300	24.2
East South Central Division	176	24.4
West South Central Division	224	30.4
Mountain Division	38	42.4
Pacific Division	508	22.2
SHIPPER CLASS 231: AIRCRAFT AND PARTS		
Total shipments	1,232	13.6
Shipments by--		
Rail	331	14.6
Motor carrier	766	19.2
Private truck	81	31.4
All other	54	-
Shipments from--		
New England Division	59	16.0
Middle Atlantic Division	241	12.4
East North Central Division	437	17.6
West North Central Division	55	14.0
West South Central Division	90	46.6
Pacific Division	259	41.8
Balance of United States	91	-
SHIPPER CLASS 232: SHIPS AND BOATS		
Total shipments	605	19.4
Shipments by--		
Rail	131	49.2
Motor carrier	270	13.4
Private truck	155	39.6
All other	49	-
Shipments from--		
New England Division	50	58.2
Middle Atlantic Division	32	28.6
East North Central Division	33	48.4
South Atlantic Division	190	33.6
West South Central Division	31	51.4
Pacific Division	141	19.2
Balance of United States	128	-
SHIPPER CLASS 233: OTHER TRANSPORTATION EQUIPMENT AND PARTS		
Total shipments	4,322	7.6
Shipments by--		
Rail	2,268	9.8
Motor carrier	1,256	13.6
Private truck	778	29.4
All other	20	-
Shipments from--		
Middle Atlantic Division	2,739	8.2
East North Central Division	713	16.0
West North Central Division	437	62.6
East South Central Division	128	22.4
West South Central Division	103	55.2
Pacific Division	108	25.6
Balance of United States	94	-

TABLE 1. SHIPPER GROUP 23--Percent Distribution of Distance, by Means of Transport: 1967

Transportation Equipment, Except Motor Vehicles

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	6,159	100.0	44.3	37.2	16.5	0.8	0.7	0.4	0.1
Under 50 miles	681	100.0	31.6	45.6	19.1	2.2	.4	1.0	.1
50 to 99 miles	581	100.0	46.4	38.0	15.1	.1	-	.2	.2
100 to 199 miles	1,254	100.0	45.8	39.0	11.7	-	3.0	.2	.3
200 to 299 miles	791	100.0	29.0	56.3	14.2	.2	-	.2	.1
300 to 399 miles	698	100.0	61.3	26.1	12.0	.2	-	.3	.1
400 to 499 miles	539	100.0	48.2	26.8	24.6	.2	-	.2	-
500 to 599 miles	244	100.0	35.8	41.5	20.6	1.7	-	.4	-
600 to 799 miles	445	100.0	58.3	27.0	13.7	.6	-	.4	-
800 to 999 miles	347	100.0	42.6	20.5	35.9	.8	-	.2	-
1,000 to 1,199 miles	84	100.0	13.9	50.9	30.3	3.0	.6	1.2	.1
1,200 to 1,499 miles	164	100.0	41.0	22.6	31.1	3.8	.1	1.4	-
1,500 to 1,999 miles	152	100.0	45.5	47.0	3.6	2.5	-	1.4	-
2,000 miles and over	179	100.0	62.9	31.2	1.4	2.5	.3	1.7	-
TON-MILES	(millions of ton-miles)								
Total	2,680	100.0	47.4	33.4	16.8	1.4	.3	.7	-
Under 50 miles	19	100.0	33.3	45.7	18.3	1.4	.3	.9	.1
50 to 99 miles	42	100.0	44.2	40.1	15.2	.1	-	.2	.2
100 to 199 miles	190	100.0	45.6	39.6	11.7	-	2.7	.2	.2
200 to 299 miles	191	100.0	28.5	56.8	14.2	.2	-	.2	.1
300 to 399 miles	250	100.0	62.4	25.4	11.6	.2	-	.3	.1
400 to 499 miles	238	100.0	47.9	27.2	24.5	.2	-	.2	-
500 to 599 miles	136	100.0	35.7	41.8	20.4	1.7	-	.4	-
600 to 799 miles	307	100.0	57.8	27.1	14.1	.6	-	.4	-
800 to 999 miles	311	100.0	41.4	20.4	37.2	.8	-	.2	-
1,000 to 1,199 miles	92	100.0	13.5	52.0	29.6	3.0	.6	1.2	.1
1,200 to 1,499 miles	222	100.0	40.7	22.1	32.3	3.5	.1	1.3	-
1,500 to 1,999 miles	272	100.0	45.6	47.3	3.3	2.4	-	1.4	-
2,000 miles and over	410	100.0	61.3	31.8	2.1	2.6	.5	1.7	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 23--Percent Distribution of Weight, by Means of Transport: 1967

Transportation Equipment, Except Motor Vehicles

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	5,871	100.0	45.9	36.9	15.6	1.6
Under 1,000 pounds	180	100.0	3.0	66.3	15.9	14.8
Under 50 pounds	9	100.0	4.1	32.9	13.2	49.8
50 to 99 pounds	10	100.0	3.0	60.9	9.8	26.3
100 to 199 pounds	19	100.0	2.0	71.1	9.7	17.2
200 to 499 pounds	54	100.0	2.0	74.7	7.7	15.6
500 to 999 pounds	88	100.0	3.8	64.0	23.3	8.9
1,000 to 9,999 pounds	709	100.0	4.1	59.3	33.1	3.5
1,000 to 1,999 pounds	134	100.0	3.2	75.7	15.6	5.5
2,000 to 2,999 pounds	115	100.0	3.8	62.7	30.1	3.4
3,000 to 3,999 pounds	93	100.0	2.4	61.1	32.9	3.6
4,000 to 4,999 pounds	91	100.0	1.1	55.0	42.2	1.7
5,000 to 9,999 pounds	276	100.0	6.2	50.9	40.0	2.9
10,000 to 29,999 pounds	1,050	100.0	18.1	47.6	33.3	1.0
10,000 to 19,999 pounds	620	100.0	13.5	42.6	42.3	1.6
20,000 to 29,999 pounds	430	100.0	24.7	54.6	20.4	.3
30,000 to 59,999 pounds	1,595	100.0	17.8	66.2	15.8	.2
30,000 to 39,999 pounds	543	100.0	18.0	51.7	29.9	.4
40,000 to 49,999 pounds	851	100.0	13.4	76.1	10.4	.1
50,000 to 59,999 pounds	201	100.0	36.0	63.1	.9	-
60,000 to 89,999 pounds	422	100.0	86.1	7.6	6.0	.3
60,000 to 69,999 pounds	132	100.0	83.3	16.2	-	.5
70,000 to 79,999 pounds	96	100.0	68.4	5.4	26.2	-
80,000 to 89,999 pounds	194	100.0	96.6	2.9	.1	.4
90,000 pounds and over	1,915	100.0	95.3	2.0	1.3	1.4
TON-MILES	(millions of ton-miles)					
Total	2,588	100.0	48.6	32.8	16.4	2.2
Under 1,000 pounds	111	100.0	4.9	64.3	6.1	24.7
Under 50 pounds	6	100.0	5.2	25.8	2.5	66.5
50 to 99 pounds	7	100.0	3.8	53.8	2.2	40.2
100 to 199 pounds	13	100.0	2.8	65.9	2.9	28.4
200 to 499 pounds	35	100.0	3.6	68.4	2.0	26.0
500 to 999 pounds	50	100.0	6.4	67.7	10.8	15.1
1,000 to 9,999 pounds	385	100.0	7.4	59.5	27.0	6.1
1,000 to 1,999 pounds	70	100.0	4.9	71.6	12.3	11.2
2,000 to 2,999 pounds	59	100.0	6.5	61.6	24.6	7.3
3,000 to 3,999 pounds	48	100.0	6.0	61.5	24.9	7.6
4,000 to 4,999 pounds	42	100.0	2.5	53.0	40.0	4.5
5,000 to 9,999 pounds	166	100.0	10.4	54.8	31.4	3.4
10,000 to 29,999 pounds	511	100.0	27.7	48.8	22.4	1.1
10,000 to 19,999 pounds	295	100.0	24.2	49.5	24.8	1.5
20,000 to 29,999 pounds	216	100.0	32.5	47.7	19.2	.6
30,000 to 59,999 pounds	678	100.0	34.7	42.6	22.6	.1
30,000 to 39,999 pounds	312	100.0	36.4	27.6	35.8	.2
40,000 to 49,999 pounds	287	100.0	25.2	60.4	14.3	.1
50,000 to 59,999 pounds	79	100.0	62.3	36.7	1.0	-
60,000 to 89,999 pounds	203	100.0	86.5	2.0	11.5	-
60,000 to 69,999 pounds	87	100.0	98.5	1.5	-	-
70,000 to 79,999 pounds	61	100.0	61.1	.5	38.3	.1
80,000 to 89,999 pounds	55	100.0	95.5	4.3	.2	-
90,000 pounds and over	700	100.0	95.5	1.1	3.1	.3

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 23--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Transportation Equipment, Except Motor Vehicles

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	5,871	100.0	45.9	36.9	15.6	1.6
Under 200 miles	2,384	100.0	44.1	40.5	13.6	1.8
Under 1,000 pounds	59	100.0	1.2	59.4	34.4	5.0
1,000 to 9,999 pounds	226	100.0	1.9	59.0	36.6	2.5
10,000 to 29,999 pounds	386	100.0	4.0	52.4	42.3	1.3
30,000 to 59,999 pounds	645	100.0	8.4	83.7	7.7	.2
60,000 to 89,999 pounds	216	100.0	85.1	12.3	1.9	.7
90,000 pounds and over	852	100.0	92.9	3.4	.6	3.1
200 to 399 miles	1,410	100.0	45.7	42.5	11.3	.5
Under 1,000 pounds	31	100.0	1.7	82.4	6.3	9.6
1,000 to 9,999 pounds	153	100.0	2.1	60.5	35.1	2.3
10,000 to 29,999 pounds	234	100.0	18.3	46.4	34.8	.5
30,000 to 59,999 pounds	442	100.0	14.1	82.0	3.9	-
60,000 to 89,999 pounds	50	100.0	83.6	7.4	9.0	-
90,000 pounds and over	500	100.0	98.7	1.3	-	-
400 to 599 miles	735	100.0	46.1	30.1	22.8	1.0
Under 1,000 pounds	22	100.0	3.1	70.1	14.6	12.2
1,000 to 9,999 pounds	92	100.0	3.6	55.7	38.7	2.0
10,000 to 29,999 pounds	144	100.0	23.9	41.5	32.9	-
30,000 to 59,999 pounds	216	100.0	20.5	43.7	35.8	-
60,000 to 89,999 pounds	40	100.0	89.5	1.0	9.5	-
90,000 pounds and over	221	100.0	100.0	-	-	-
600 to 999 miles	775	100.0	52.2	23.3	23.5	1.0
Under 1,000 pounds	27	100.0	5.9	69.8	4.2	20.1
1,000 to 9,999 pounds	119	100.0	5.5	62.5	30.1	1.9
10,000 to 29,999 pounds	164	100.0	37.1	33.2	29.7	-
30,000 to 59,999 pounds	153	100.0	24.1	21.0	54.8	.1
60,000 to 89,999 pounds	65	100.0	94.3	.6	5.1	-
90,000 pounds and over	247	100.0	96.0	.2	3.8	-
1,000 miles and over	567	100.0	45.7	35.1	14.6	4.6
Under 1,000 pounds	40	100.0	4.8	59.5	4.8	30.9
1,000 to 9,999 pounds	119	100.0	9.7	58.2	22.7	9.4
10,000 to 29,999 pounds	122	100.0	30.0	60.9	7.5	1.6
30,000 to 59,999 pounds	139	100.0	61.8	19.9	17.8	.5
60,000 to 89,999 pounds	51	100.0	79.0	2.1	18.8	.1
90,000 pounds and over	96	100.0	86.7	2.7	10.6	-
TON-MILES	(millions of ton-miles)					
Total[1]	2,588	100.0	48.6	32.8	16.4	2.2
Under 200 miles	241	100.0	45.9	40.6	12.0	1.5
Under 1,000 pounds	4	100.0	1.4	71.2	21.9	5.5
1,000 to 9,999 pounds	20	100.0	3.2	59.2	35.5	2.1
10,000 to 29,999 pounds	35	100.0	3.8	50.9	43.7	1.6
30,000 to 59,999 pounds	73	100.0	6.6	86.8	6.6	-
60,000 to 89,999 pounds	26	100.0	94.4	3.1	2.4	.1
90,000 pounds and over	83	100.0	96.1	1.0	.3	2.6
200 to 399 miles	420	100.0	49.3	39.3	10.9	.5
Under 1,000 pounds	9	100.0	1.8	81.8	6.2	10.2
1,000 to 9,999 pounds	44	100.0	1.9	60.0	35.7	2.4
10,000 to 29,999 pounds	69	100.0	20.3	46.0	33.2	.5
30,000 to 59,999 pounds	121	100.0	16.2	79.6	4.2	-
60,000 to 89,999 pounds	16	100.0	84.1	7.1	8.8	-
90,000 pounds and over	161	100.0	98.7	1.3	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 23--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Transportation Equipment, Except Motor Vehicles

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	352	100.0	44.9	31.5	22.5	1.1
Under 1,000 pounds	11	100.0	2.9	71.1	13.6	12.4
1,000 to 9,999 pounds	46	100.0	4.0	56.0	38.1	1.9
10,000 to 29,999 pounds	71	100.0	23.5	42.2	32.3	2.0
30,000 to 59,999 pounds	105	100.0	21.6	44.7	33.7	-
60,000 to 89,999 pounds	19	100.0	88.8	1.3	9.9	-
90,000 pounds and over	100	100.0	100.0	-	-	-
600 to 999 miles	605	100.0	50.3	22.9	25.8	1.0
Under 1,000 pounds	21	100.0	6.5	68.6	4.7	20.2
1,000 to 9,999 pounds	92	100.0	6.0	61.9	30.1	2.0
10,000 to 29,999 pounds	134	100.0	37.0	31.9	31.1	-
30,000 to 59,999 pounds	127	100.0	21.2	18.4	60.3	.1
60,000 to 89,999 pounds	46	100.0	93.1	.6	6.3	-
90,000 pounds and over	185	100.0	96.2	.2	3.6	-
1,000 miles and over	970	100.0	49.0	34.8	11.7	4.5
Under 1,000 pounds	65	100.0	5.3	59.2	4.1	31.4
1,000 to 9,999 pounds	183	100.0	10.8	59.1	19.6	10.5
10,000 to 29,999 pounds	202	100.0	29.7	62.9	5.8	1.6
30,000 to 59,999 pounds	253	100.0	63.7	23.3	12.7	.3
60,000 to 89,999 pounds	97	100.0	81.2	1.6	17.1	.1
90,000 pounds and over	170	100.0	88.8	2.5	8.7	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 23--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Transportation Equipment, Except Motor Vehicles

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	6,159	100.0	44.3	37.2	16.5	0.8	0.7	0.4	0.1
New England	131	100.0	6.0	80.4	8.7	3.6	.3	1.0	-
Middle Atlantic	3,012	100.0	63.6	32.2	3.8	.1	-	.1	.2
East North Central	1,183	100.0	31.0	45.7	22.3	.6	-	.4	-
West North Central	587	100.0	24.2	16.8	57.8	.3	-	.9	-
South Atlantic	300	100.0	17.7	43.2	31.7	5.2	.4	1.8	-
East South Central	176	100.0	44.9	31.0	7.9	1.2	14.8	-	.2
West South Central	224	100.0	16.9	26.4	50.0	.7	5.8	.1	.1
Mountain	38	100.0	2.9	47.5	48.1	1.4	-	.1	-
Pacific[1]	508	100.0	25.0	62.9	8.9	2.1	.1	1.0	-
TON-MILES	(millions of ton-miles)								
U.S. total	2,680	100.0	47.4	33.4	16.8	1.4	0.3	.7	-
New England	75	100.0	8.1	74.8	6.1	5.8	1.9	3.3	-
Middle Atlantic	1,094	100.0	68.9	27.0	3.5	.3	-	.2	.1
East North Central	425	100.0	40.5	40.2	16.4	1.7	-	1.2	-
West North Central	366	100.0	23.4	14.4	60.8	.5	-	.9	-
South Atlantic	142	100.0	17.8	38.7	40.3	1.1	.7	1.4	-
East South Central	71	100.0	52.2	36.5	5.1	1.6	4.4	-	.2
West South Central	127	100.0	36.9	31.3	28.7	1.4	1.5	.2	-
Mountain	15	100.0	8.3	41.8	46.8	2.9	-	.2	-
Pacific[1]	365	100.0	38.4	53.5	2.8	4.0	.1	1.2	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 5. SHIPPER GROUP 23--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Transportation Equipment, Except Motor Vehicles

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	6,159	6,159	175	1,578	1,950	398	615	347	524	141	631
Ton-miles.....millions..	2,680	2,680	71	399	550	220	344	171	187	91	647
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	6,159	100.0	2.8	25.6	31.7	6.5	10.0	5.6	5.3	2.3	10.2
Shipments from--											
New England.....	131	100.0	32.6	22.7	15.2	2.3	14.8	1.0	4.4	.3	6.7
Middle Atlantic.....	3,012	100.0	2.2	38.5	35.3	5.1	9.6	4.4	1.3	.2	3.4
East North Central.....	1,183	100.0	3.6	17.3	50.9	8.5	6.2	5.5	2.6	.6	4.8
West North Central.....	587	100.0	.3	17.4	24.0	17.1	6.0	4.1	13.2	6.0	11.9
South Atlantic.....	300	100.0	4.8	15.5	11.4	.4	42.8	16.9	3.4	.4	4.4
East South Central.....	176	100.0	1.4	7.8	32.1	1.1	6.1	36.7	10.2	.8	3.8
West South Central.....	224	100.0	1.3	2.1	6.5	9.4	1.5	1.6	51.6	7.2	18.8
Mountain.....	38	100.0	1.6	1.9	4.6	1.4	.2	.2	4.8	64.5	20.8
Pacific[2].....	508	100.0	.2	2.8	3.4	3.1	11.2	.8	4.9	10.0	63.6
TON-MILES	(millions)										
U.S. total.....	2,680	100.0	2.7	14.9	20.5	8.2	12.8	6.4	7.0	3.4	24.1
Shipments from--											
New England.....	75	100.0	3.6	6.9	18.7	4.2	21.4	1.6	11.5	1.1	31.0
Middle Atlantic.....	1,094	100.0	1.9	14.5	29.3	11.1	9.8	7.0	4.6	.8	21.0
East North Central.....	425	100.0	5.8	18.0	18.9	10.0	9.6	5.2	6.1	1.9	24.5
West North Central.....	366	100.0	.6	24.6	15.3	5.3	8.4	3.3	7.2	6.7	28.6
South Atlantic.....	142	100.0	7.6	13.2	12.5	.6	14.1	25.0	6.6	1.4	19.0
East South Central.....	71	100.0	3.4	14.5	24.5	1.4	6.7	17.4	11.7	2.2	18.2
West South Central.....	127	100.0	3.6	4.6	9.0	5.9	2.9	1.4	17.3	8.3	47.0
Mountain.....	15	100.0	6.9	8.0	13.6	2.4	.8	.5	8.3	29.2	30.3
Pacific[2].....	365	100.0	.7	8.9	8.4	6.5	33.2	2.3	9.5	8.2	22.3

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.

TABLE 6. SHIPPER GROUP 23--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Transportation Equipment, Except Motor Vehicles

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	6,159	100.0	44.3	37.2	16.5	0.8	0.7	0.4	0.1
Middle Atlantic, total	3,012	100.0	63.6	32.2	3.8	.1	-	.1	.2
Shipments to--									
New England	66	100.0	31.0	49.9	17.2	.2	-	.6	1.1
Middle Atlantic	1,162	100.0	59.9	34.7	4.8	-	.1	.1	.4
East North Central	1,062	100.0	62.7	35.3	1.9	-	-	.1	-
West North Central	154	100.0	84.8	14.6	.1	.5	-	-	-
South Atlantic	288	100.0	66.7	24.3	8.5	.1	-	.2	.2
Pacific	102	100.0	74.8	23.8	.3	.8	-	.3	-
East North Central, total	1,183	100.0	31.0	45.7	22.3	.6	-	.4	-
Shipments to--									
New England	43	100.0	4.2	68.5	24.2	2.6	-	.5	-
Middle Atlantic	205	100.0	40.6	46.0	12.7	.5	-	.2	-
East North Central	603	100.0	20.8	50.5	28.4	.1	-	.1	.1
West North Central	100	100.0	38.4	35.3	24.3	1.2	-	.8	-
South Atlantic	73	100.0	47.2	32.3	19.2	.7	-	.6	-
East South Central	65	100.0	59.9	18.6	20.9	.1	-	.5	-
West South Central	31	100.0	34.7	53.5	7.6	2.7	-	1.5	-
Pacific	56	100.0	59.8	33.0	.8	3.4	-	3.0	-
West North Central, total	587	100.0	24.2	16.8	57.8	.3	-	.9	-
Shipments to--									
Middle Atlantic	102	100.0	24.5	13.3	61.9	.3	-	-	-
East North Central	141	100.0	25.2	16.5	58.1	.1	-	.1	-
West North Central	100	100.0	17.5	25.9	54.9	.1	-	1.6	-
West South Central	78	100.0	27.6	15.8	54.3	.2	-	2.1	-
Pacific	70	100.0	21.3	8.0	68.9	1.1	-	.7	-
Pacific, total	508	100.0	25.0	62.9	8.9	2.1	.1	1.0	-
Shipments to--									
Middle Atlantic	14	100.0	58.7	35.3	-	4.5	-	1.5	-
East North Central	17	100.0	43.4	49.9	4.1	2.3	-	.3	-
West North Central	16	100.0	18.5	66.5	2.2	8.5	-	4.3	-
South Atlantic	57	100.0	44.2	53.1	-	1.5	-	1.2	-
West South Central	25	100.0	19.8	55.2	2.9	21.2	-	.9	-
Mountain	51	100.0	16.5	77.4	4.8	1.0	-	.3	-
Pacific	323	100.0	21.2	64.6	12.6	.5	.2	.9	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	2,680	100.0	47.4	33.4	16.8	1.4	.3	.7	-
Middle Atlantic, total	1,094	100.0	68.9	27.0	3.5	.3	-	.2	.1
Shipments to--									
New England	21	100.0	38.6	41.1	18.3	.1	-	.7	1.2
Middle Atlantic	159	100.0	54.6	40.9	4.1	-	-	.1	.3
East North Central	320	100.0	65.9	30.7	3.4	-	-	-	-
West North Central	122	100.0	85.7	13.7	.1	.5	-	-	-
South Atlantic	107	100.0	65.8	20.0	13.7	.2	-	.2	.1
Pacific	230	100.0	73.0	25.5	.3	.9	-	.3	-
East North Central, total	425	100.0	40.5	40.2	16.4	1.7	-	1.2	-
Shipments to--									
New England	24	100.0	5.3	59.7	31.8	2.5	-	.7	-
Middle Atlantic	77	100.0	45.8	38.9	14.2	.8	-	.2	.1
East North Central	80	100.0	21.4	49.6	28.6	.2	-	.2	-
West North Central	43	100.0	41.8	33.1	22.3	1.6	-	1.2	-
South Atlantic	41	100.0	44.1	33.4	20.8	1.0	-	.7	-
East South Central	22	100.0	55.0	16.8	27.6	.1	-	.5	-
West South Central	26	100.0	32.6	56.4	6.4	2.9	-	1.7	-
Pacific	104	100.0	58.6	33.7	.7	3.8	-	3.2	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 23--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Transportation Equipment, Except Motor Vehicles

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
West North Central	366	100.0	23.4	14.4	60.8	0.5	-	0.9	-
Shipments to--									
Middle Atlantic	90	100.0	21.5	12.7	65.4	.4	-	-	-
East North Central	56	100.0	19.8	20.3	59.6	.2	-	.1	-
West North Central	19	100.0	31.8	28.6	37.6	.1	-	1.9	-
West South Central	26	100.0	25.9	16.1	55.8	.3	-	1.9	-
Pacific	105	100.0	20.2	7.6	70.5	1.0	-	.7	-
Pacific, total	365	100.0	38.4	53.5	2.8	4.0	0.1	1.2	-
Shipments to--									
Middle Atlantic	32	100.0	59.7	34.1	-	4.6	-	1.6	-
East North Central	31	100.0	42.7	50.5	4.1	2.4	-	.3	-
West North Central	24	100.0	19.0	67.0	1.8	7.7	-	4.5	-
South Atlantic	121	100.0	46.9	50.1	-	1.7	-	1.3	-
West South Central	35	100.0	21.8	55.1	2.5	19.6	-	1.0	-
Mountain	30	100.0	18.4	75.2	5.1	1.0	-	.3	-
Pacific	81	100.0	37.0	53.4	7.4	1.2	.6	.3	0.1

Note: Only those divisions with sizeable distribution are shown.

TABLE 7. SHIPPER GROUP 23--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Transportation Equipment, Except Motor Vehicles

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	6,159	438	1,445	4,276	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	2,680	141	796	1,743
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	44.3	30.7	13.7	56.1	47.4	44.3	23.0	58.7
Motor carrier.....	37.2	45.8	29.4	39.0	33.4	35.5	25.6	36.9
Private truck.....	16.5	22.3	55.6	2.6	16.8	18.0	49.9	1.6
Air.....	.8	.2	.4	.9	1.4	.4	.9	1.6
Water.....	.7	-	-	1.0	.3	.3	.1	.4
Other.....	.4	1.0	.5	.4	.7	1.5	.4	.8
Unknown.....	.1	-	.4	-	-	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	20.6	40.8	16.2	19.9	2.3	6.0	1.4	2.3
100 to 199 miles.....	20.4	24.1	13.2	22.5	7.1	12.4	3.6	8.3
200 to 299 miles.....	12.8	8.3	10.8	14.0	7.1	6.1	4.8	8.3
300 to 399 miles.....	11.3	7.7	8.6	12.6	9.3	8.5	5.4	11.2
400 to 499 miles.....	8.7	2.4	11.6	8.4	8.9	3.2	9.2	9.2
500 to 999 miles.....	16.8	9.6	25.7	14.5	28.1	21.4	35.3	25.4
1,000 miles and over.....	9.4	7.1	13.9	8.1	37.2	42.4	40.3	35.3

Table 8. SHIPPER GROUP 23--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Transportation Equipment, Except Motor Vehicles

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	37.7	20.7	50.6	71.7
Highway facilities.....	85.1	89.2	74.3	92.8
Rail and highway facilities.....	27.0	11.8	33.9	66.6
Air facilities.....	85.0	90.1	74.7	87.7
Rail, highway, and air facilities.....	23.5	9.9	29.7	58.9
Water facilities.....	19.4	12.3	26.0	30.9
Rail, highway, air, and water facilities.	5.8	1.9	4.3	22.6

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 3.1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 231--Percent Distribution of Distance, by Means of Transport: 1967

Aircraft and Parts

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,232	100.0	26.9	62.3	6.5	3.5	0.1	0.7	-
Under 50 miles	138	100.0	.1	57.2	31.2	10.9	.4	.2	-
50 to 99 miles	108	100.0	24.7	71.9	2.6	.6	-	.2	-
100 to 199 miles	148	100.0	22.3	73.6	3.7	.2	-	.2	-
200 to 299 miles	99	100.0	1.6	92.6	3.7	1.7	-	.2	0.2
300 to 399 miles	174	100.0	67.4	30.9	.6	.7	-	.2	.2
400 to 499 miles	76	100.0	12.7	77.9	8.1	1.2	-	.1	-
500 to 599 miles	69	100.0	5.1	90.8	.2	3.3	-	.6	-
600 to 799 miles	101	100.0	35.6	59.0	2.4	2.7	-	.3	-
800 to 999 miles	71	100.0	29.6	48.9	17.7	3.6	-	.2	-
1,000 to 1,199 miles	32	100.0	14.7	73.2	3.6	7.3	-	1.2	-
1,200 to 1,499 miles	56	100.0	40.5	41.7	3.6	11.1	-	3.1	-
1,500 to 1,999 miles	82	100.0	30.2	63.1	-	4.3	-	2.4	-
2,000 miles and over	78	100.0	38.8	52.6	.1	5.3	-	3.2	-
TON-MILES	(millions of ton-miles)								
Total	767	100.0	32.4	58.5	3.1	4.3	-	1.7	-
Under 50 miles	3	100.0	.1	59.2	32.1	8.1	.2	.3	-
50 to 99 miles	8	100.0	17.6	78.9	2.5	.8	-	.2	-
100 to 199 miles	21	100.0	18.5	77.5	3.4	.3	.1	.2	-
200 to 299 miles	24	100.0	1.4	93.0	3.6	1.6	-	.2	.2
300 to 399 miles	64	100.0	69.5	28.8	.6	.7	-	.2	.2
400 to 499 miles	34	100.0	11.9	78.2	8.5	1.3	-	.1	-
500 to 599 miles	39	100.0	5.1	90.9	.2	3.2	-	.6	-
600 to 799 miles	70	100.0	34.2	60.2	2.6	2.7	-	.3	-
800 to 999 miles	65	100.0	30.1	47.6	18.5	3.6	-	.2	-
1,000 to 1,199 miles	36	100.0	14.2	73.8	3.4	7.3	-	1.3	-
1,200 to 1,499 miles	75	100.0	41.3	41.8	3.4	10.4	-	3.1	-
1,500 to 1,999 miles	148	100.0	29.7	63.9	-	4.1	-	2.3	-
2,000 miles and over	180	100.0	38.4	52.8	.1	5.4	-	3.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 231--Percent Distribution of Weight, by Means of Transport: 1967

Aircraft and Parts

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON OF SHIPMENTS	(thousands of tons)					
Total	1,161	100.0	28.2	60.4	6.8	4.6
Under 1,000 pounds	100	100.0	1.4	63.1	13.9	21.6
Under 50 pounds	6	100.0	3.4	29.8	13.3	53.5
50 to 99 pounds	7	100.0	1.9	57.9	7.9	32.3
100 to 199 pounds	11	100.0	2.0	63.2	9.0	25.8
200 to 499 pounds	32	100.0	1.1	71.3	4.9	22.7
500 to 999 pounds	44	100.0	1.2	63.1	22.4	13.3
1,000 to 9,999 pounds	293	100.0	5.1	82.3	7.7	4.9
1,000 to 1,999 pounds	70	100.0	1.6	84.1	5.4	8.9
2,000 to 2,999 pounds	53	100.0	4.7	87.9	3.6	3.8
3,000 to 3,999 pounds	45	100.0	4.4	82.8	7.9	4.9
4,000 to 4,999 pounds	31	100.0	1.2	93.5	2.5	2.8
5,000 to 9,999 pounds	94	100.0	9.5	73.9	13.2	3.4
10,000 to 29,999 pounds	285	100.0	16.6	70.9	11.6	.9
10,000 to 19,999 pounds	160	100.0	19.5	67.3	12.1	1.1
20,000 to 29,999 pounds	125	100.0	12.9	75.5	11.0	.6
30,000 to 59,999 pounds	215	100.0	22.7	73.3	4.0	-
30,000 to 39,999 pounds	124	100.0	19.6	74.2	6.2	-
40,000 to 49,999 pounds	60	100.0	19.4	79.1	1.5	-
50,000 to 59,999 pounds	31	100.0	41.2	58.8	-	-
60,000 to 89,999 pounds	59	100.0	66.0	32.7	1.3	-
60,000 to 69,999 pounds	39	100.0	65.6	34.4	-	-
70,000 to 79,999 pounds	8	100.0	63.9	27.5	8.6	-
80,000 to 89,999 pounds	12	100.0	68.8	30.5	.7	-
90,000 pounds and over	209	100.0	84.0	9.1	-	6.9
TON-MILES	(millions of ton-miles)					
Total	739	100.0	33.4	57.3	3.2	6.1
Under 1,000 pounds	68	100.0	2.7	61.1	1.0	35.2
Under 50 pounds	5	100.0	4.1	22.7	1.8	71.4
50 to 99 pounds	5	100.0	2.5	50.5	.9	46.1
100 to 199 pounds	9	100.0	2.9	56.6	.9	39.6
200 to 499 pounds	23	100.0	2.4	61.7	.4	35.5
500 to 999 pounds	26	100.0	2.7	72.3	1.5	23.5
1,000 to 9,999 pounds	169	100.0	11.7	75.3	2.0	11.0
1,000 to 1,999 pounds	37	100.0	2.6	77.5	1.3	18.6
2,000 to 2,999 pounds	27	100.0	10.7	77.8	.3	11.2
3,000 to 3,999 pounds	25	100.0	11.3	74.8	1.8	12.1
4,000 to 4,999 pounds	13	100.0	3.1	83.9	.5	12.5
5,000 to 9,999 pounds	67	100.0	19.1	71.5	3.4	6.0
10,000 to 29,999 pounds	226	100.0	25.5	65.6	7.5	1.4
10,000 to 19,999 pounds	123	100.0	31.6	63.4	3.6	1.4
20,000 to 29,999 pounds	103	100.0	18.3	68.3	12.2	1.2
30,000 to 59,999 pounds	145	100.0	31.2	67.0	1.8	-
30,000 to 39,999 pounds	68	100.0	33.7	62.9	3.4	-
40,000 to 49,999 pounds	59	100.0	15.7	83.7	.6	-
50,000 to 59,999 pounds	18	100.0	73.3	26.7	-	-
60,000 to 89,999 pounds	49	100.0	93.7	5.7	.6	-
60,000 to 69,999 pounds	33	100.0	98.6	1.4	-	-
70,000 to 79,999 pounds	8	100.0	97.1	.7	2.2	-
80,000 to 89,999 pounds	8	100.0	70.3	28.4	1.3	-
90,000 pounds and over	82	100.0	93.4	6.3	-	.3

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 231--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Aircraft and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	1,161	100.0	28.2	60.4	6.8	4.6
Under 200 miles	371	100.0	15.4	66.6	13.3	4.7
Under 1,000 pounds	34	100.0	.1	54.2	40.6	5.1
1,000 to 9,999 pounds	100	100.0	-	81.5	17.4	1.1
10,000 to 29,999 pounds	66	100.0	.3	78.9	20.8	-
30,000 to 59,999 pounds	77	100.0	12.0	82.0	6.0	-
60,000 to 89,999 pounds	20	100.0	17.4	82.6	-	-
90,000 pounds and over	74	100.0	59.8	20.6	-	19.6
200 to 399 miles	258	100.0	46.3	50.3	1.8	1.6
Under 1,000 pounds	14	100.0	.5	85.2	.6	13.7
1,000 to 9,999 pounds	60	100.0	2.9	90.5	3.2	3.4
10,000 to 29,999 pounds	42	100.0	16.5	82.7	.8	-
30,000 to 59,999 pounds	34	100.0	15.9	79.2	4.9	-
60,000 to 89,999 pounds	4	100.0	46.4	34.4	19.2	-
90,000 pounds and over	104	100.0	99.4	.6	-	-
400 to 599 miles	124	100.0	10.6	81.5	5.1	2.8
Under 1,000 pounds	9	100.0	2.5	77.1	.1	20.3
1,000 to 9,999 pounds	32	100.0	1.9	88.6	6.8	2.7
10,000 to 29,999 pounds	45	100.0	4.8	84.2	9.1	1.9
30,000 to 59,999 pounds	35	100.0	20.5	79.5	-	-
60,000 pounds and over	3	100.0	88.4	11.6	-	-
600 to 999 miles	161	100.0	34.0	53.1	9.3	3.6
Under 1,000 pounds	16	100.0	2.8	68.9	.2	28.1
1,000 to 9,999 pounds	43	100.0	9.7	87.6	-	2.7
10,000 to 29,999 pounds	51	100.0	30.6	43.8	25.5	.1
30,000 to 59,999 pounds	25	100.0	35.5	56.9	7.6	-
60,000 to 89,999 pounds	13	100.0	98.8	1.2	-	-
90,000 pounds and over	13	100.0	95.8	4.2	-	-
1,000 miles and over	247	100.0	33.5	56.1	1.3	9.1
Under 1,000 pounds	27	100.0	2.5	54.9	.1	42.5
1,000 to 9,999 pounds	59	100.0	14.5	67.9	1.6	16.0
10,000 to 29,999 pounds	80	100.0	27.9	67.8	2.3	2.0
30,000 to 59,999 pounds	44	100.0	41.1	58.0	.9	-
60,000 to 89,999 pounds	19	100.0	94.0	5.6	.4	-
90,000 pounds and over	18	100.0	85.8	14.2	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	739	100.0	33.4	57.3	3.2	6.1
Under 200 miles	31	100.0	16.1	76.1	6.3	1.5
Under 1,000 pounds	2	100.0	.1	69.9	23.9	6.1
1,000 to 9,999 pounds	8	100.0	-	89.2	10.0	.8
10,000 to 29,999 pounds	7	100.0	.5	92.2	7.3	-
30,000 to 59,999 pounds	9	100.0	9.8	88.7	1.5	-
60,000 to 89,999 pounds	1	100.0	51.7	48.3	-	-
90,000 pounds and over	4	100.0	86.3	7.4	-	6.3
200 to 399 miles	84	100.0	53.6	43.5	1.5	1.4
Under 1,000 pounds	4	100.0	.6	83.7	.7	15.0
1,000 to 9,999 pounds	16	100.0	2.6	91.2	2.6	3.6
10,000 to 29,999 pounds	13	100.0	18.8	80.4	.8	-
30,000 to 59,999 pounds	10	100.0	18.7	75.7	5.6	-
60,000 to 89,999 pounds	1	100.0	52.7	33.3	14.0	-
90,000 pounds and over	40	100.0	99.5	.5	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 231--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Aircraft and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	64	100.0	9.4	83.0	4.7	2.9
Under 1,000 pounds	5	100.0	2.4	77.5	.1	20.0
1,000 to 9,999 pounds	17	100.0	2.0	89.5	5.8	2.7
10,000 to 29,999 pounds	23	100.0	5.1	84.2	8.6	2.1
30,000 to 59,999 pounds	18	100.0	17.4	82.6	-	-
60,000 pounds and over	1	100.0	84.3	15.7	-	-
600 to 999 miles	126	100.0	33.0	52.5	10.9	3.6
Under 1,000 pounds	12	100.0	3.3	67.9	.3	28.5
1,000 to 9,999 pounds	33	100.0	11.3	85.9	-	2.8
10,000 to 29,999 pounds	44	100.0	32.2	40.1	27.6	.1
30,000 to 59,999 pounds	19	100.0	32.6	59.5	7.9	-
60,000 to 89,999 pounds	9	100.0	98.8	1.2	-	-
90,000 pounds and over	9	100.0	95.6	4.4	-	-
1,000 miles and over	434	100.0	34.3	56.1	.9	8.7
Under 1,000 pounds	44	100.0	2.9	55.1	.1	41.9
1,000 to 9,999 pounds	96	100.0	16.1	65.3	1.3	17.3
10,000 to 29,999 pounds	139	100.0	28.6	68.1	1.5	1.8
30,000 to 59,999 pounds	90	100.0	37.2	62.2	.6	-
60,000 to 89,999 pounds	36	100.0	95.3	4.4	.3	-
90,000 pounds and over	29	100.0	85.6	14.4	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 231--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Aircraft and Parts

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,232	100.0	26.9	62.3	6.5	3.5	0.1	0.7	-
New England	59	100.0	1.2	82.5	6.3	7.8	.1	2.1	-
Middle Atlantic	241	100.0	45.6	38.5	14.3	1.0	.1	.5	-
East North Central	437	100.0	19.6	71.1	7.3	1.5	-	.5	-
West North Central	55	100.0	40.8	51.9	1.8	2.9	-	2.6	-
West South Central	90	100.0	38.1	56.2	3.5	1.8	-	.3	0.1
Pacific[1]	259	100.0	26.8	67.3	.9	4.1	.1	.8	-
Balance of United States[2]	91	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	767	100.0	32.4	58.5	3.1	4.3	-	1.7	-
New England	37	100.0	.7	79.9	1.5	11.2	-	6.7	-
Middle Atlantic	163	100.0	37.7	50.8	9.1	1.9	-	.5	-
East North Central	152	100.0	18.5	71.5	3.5	4.2	-	2.3	-
West North Central	35	100.0	34.8	55.6	.1	5.0	-	4.5	-
West South Central	82	100.0	53.3	42.0	2.4	2.1	-	.2	-
Pacific[1]	245	100.0	37.7	54.8	-	5.9	-	1.6	-
Balance of United States[2]	53	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 231--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Aircraft and Parts

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,232	1,232	66	178	365	61	143	40	85	64	230
Ton-miles.....millions..	767	767	28	71	110	42	160	17	60	42	235
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,232	100.0	5.3	14.5	29.6	5.0	11.6	3.3	6.9	5.2	18.6
Shipments from--											
New England.....	59	100.0	16.0	34.8	14.5	.7	21.4	.1	4.8	.2	7.5
Middle Atlantic.....	241	100.0	8.3	13.1	45.1	2.7	13.5	2.1	1.6	1.8	11.8
East North Central.....	437	100.0	6.5	21.7	47.5	6.4	3.2	6.4	3.6	.6	4.1
West North Central.....	55	100.0	.6	20.6	9.0	19.1	8.4	.9	25.7	2.6	13.1
West South Central.....	90	100.0	2.0	3.1	12.5	2.1	1.3	.8	31.2	4.2	42.8
Pacific[2].....	259	100.0	.2	2.0	2.8	5.1	19.9	.8	6.6	15.3	47.3
Balance of U.S.[3].....	91	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	767	100.0	3.6	9.3	14.3	5.5	20.8	2.3	7.8	5.5	30.9
Shipments from--											
New England.....	37	100.0	2.1	9.6	15.4	1.4	29.0	.1	11.7	.6	30.1
Middle Atlantic.....	163	100.0	2.4	1.8	26.1	3.8	13.8	3.0	3.0	5.0	41.1
East North Central.....	152	100.0	9.1	20.9	19.5	7.6	4.7	4.5	8.8	2.3	22.6
West North Central.....	35	100.0	1.2	26.6	4.3	6.5	12.4	.6	16.8	2.8	28.8
West South Central.....	82	100.0	3.2	3.9	10.1	1.3	1.6	.5	7.9	4.9	66.6
Pacific[2].....	245	100.0	.6	4.8	5.3	8.2	44.7	1.8	9.2	9.6	15.8
Balance of U.S.[3].....	53	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 231--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Aircraft and Parts

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,232	100.0	26.9	62.3	6.5	3.5	0.1	0.7	-
Middle Atlantic, total	241	100.0	45.6	38.5	14.3	1.0	.1	.5	-
Shipments to--									
New England	20	100.0	.3	91.6	7.4	.6	-	.1	-
Middle Atlantic	32	100.0	.2	48.5	48.5	1.1	.7	1.0	-
East North Central	109	100.0	90.3	8.3	1.3	.1	-	-	-
South Atlantic	33	100.0	-	50.0	48.1	.8	-	1.0	0.1
Pacific	29	100.0	25.5	70.8	.3	2.9	-	.5	-
East North Central, total	437	100.0	19.6	71.1	7.3	1.5	-	.5	-
Shipments to--									
New England	28	100.0	-	96.0	-	3.9	-	.1	-
Middle Atlantic	95	100.0	18.3	80.3	-	1.0	-	.3	.1
East North Central	208	100.0	21.5	65.7	12.4	.3	-	.1	-
West North Central	28	100.0	1.3	94.5	-	4.2	-	-	-
South Atlantic	14	100.0	2.4	85.9	7.3	3.7	-	.7	-
West South Central	16	100.0	30.2	64.6	-	4.3	-	.9	-
Pacific	18	100.0	16.3	66.5	-	8.7	-	8.5	-
Pacific, total	259	100.0	26.8	67.3	.9	4.1	.1	.8	-
Shipments to--									
Middle Atlantic	5	100.0	9.7	74.7	-	11.7	-	3.9	-
South Atlantic	52	100.0	43.7	53.3	-	1.7	-	1.3	-
West South Central	17	100.0	13.7	54.3	-	30.8	-	1.2	-
Pacific	122	100.0	23.6	72.9	1.9	1.2	.3	.1	-
TON-MILES	(millions of ton-miles)								
U.S. total	767	100.0	32.4	58.5	3.1	4.3	-	1.7	-
Middle Atlantic, total	163	100.0	37.7	50.8	9.1	1.9	-	.5	-
Shipments to--									
New England	4	100.0	.6	90.8	7.8	.7	-	.1	-
Middle Atlantic	3	100.0	.4	73.9	22.9	1.4	.2	1.2	-
East North Central	43	100.0	88.9	9.8	1.2	.1	-	-	-
South Atlantic	23	100.0	-	43.2	55.3	.9	-	.6	-
Pacific	67	100.0	23.5	72.7	.3	2.9	-	.6	-
East North Central, total	152	100.0	18.5	71.5	3.5	4.2	-	2.3	-
Shipments to--									
New England	14	100.0	.1	95.4	-	4.4	-	.1	-
Middle Atlantic	32	100.0	35.1	62.8	-	1.7	-	.4	-
East North Central	30	100.0	17.6	77.3	4.4	.6	-	.1	-
West North Central	12	100.0	3.4	90.9	-	5.7	-	-	-
South Atlantic	7	100.0	3.2	75.4	14.6	5.7	-	1.1	-
West South Central	13	100.0	27.5	66.5	-	4.8	-	1.2	-
Pacific	35	100.0	15.8	66.6	-	8.9	.1	8.6	-
Pacific, total	245	100.0	37.7	54.8	-	5.9	-	1.6	-
Shipments to--									
Middle Atlantic	12	100.0	10.4	73.0	-	12.4	-	4.2	-
South Atlantic	110	100.0	47.0	49.7	-	1.9	-	1.4	-
West South Central	22	100.0	12.7	56.0	-	30.0	-	1.3	-
Pacific	39	100.0	50.5	46.7	.1	2.6	-	.1	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 231--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Aircraft and Parts

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,232	84	173	975	(X)	(X)	(X)	(X)
Ton-miles ..... millions..	(X)	(X)	(X)	(X)	767	10	116	641
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	26.9	-	19.0	30.6	32.4	-	47.6	30.2
Motor carrier.....	62.3	84.3	65.2	59.8	58.5	87.8	44.3	60.5
Private truck.....	6.5	14.4	11.8	4.9	3.1	6.6	1.6	3.4
Air.....	3.5	.8	3.6	3.8	4.3	4.4	6.1	4.0
Water.....	.1	-	-	.1	-	-	-	-
Other.....	.7	.5	.2	.8	1.7	1.2	.3	1.9
Unknown.....	-	-	.2	-	-	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	20.0	80.9	33.5	12.3	1.4	47.5	1.1	.8
100 to 199 miles.....	12.0	2.8	6.4	13.8	2.8	3.2	1.1	3.1
200 to 299 miles.....	8.0	11.0	1.9	8.9	3.2	23.3	.7	3.3
300 to 399 miles.....	14.2	1.0	7.0	16.6	8.4	3.2	3.8	9.3
400 to 499 miles.....	6.2	.2	4.3	7.0	4.4	.6	2.9	4.8
500 to 999 miles.....	19.5	3.9	22.4	20.3	22.6	19.5	21.6	22.9
1,000 miles and over.....	20.1	.2	24.5	21.1	57.2	2.7	68.8	55.8

Table 8. SHIPPER CLASS 231--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Aircraft and Parts

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	24.8	-	54.6	63.1
Highway facilities	97.3	100.0	92.4	95.2
Rail and highway facilities	22.3	-	47.1	59.6
Air facilities	94.5	100.0	84.9	89.7
Rail, highway, and air facilities	20.9	-	47.1	52.1
Water facilities	17.1	12.5	26.5	19.1
Rail, highway, air, and water facilities	2.4	-	-	13.0

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 232--Percent Distribution of Distance, by Means of Transport: 1967

Ships and Boats

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	605	100.0	21.7	44.7	25.5	0.1	6.8	1.2	-
Under 50 miles	130	100.0	12.8	59.8	22.9	-	1.5	3.0	-
50 to 99 miles	83	100.0	17.6	54.3	27.8	-	-	.3	-
100 to 199 miles	97	100.0	3.7	32.4	24.2	.1	39.1	.5	-
200 to 299 miles	30	100.0	10.9	73.7	14.2	-	-	1.0	0.2
300 to 399 miles	31	100.0	31.0	58.4	8.2	.2	.2	1.9	.1
400 to 499 miles	28	100.0	36.9	36.9	24.1	-	.2	1.7	.2
500 to 799 miles	55	100.0	47.7	30.9	20.5	.1	-	.7	.1
800 to 999 miles	67	100.0	27.4	15.9	56.3	-	.2	.2	-
1,000 to 1,199 miles	24	100.0	5.6	47.0	43.5	.2	2.1	1.3	.3
1,200 to 1,499 miles	25	100.0	53.3	29.5	16.0	-	.8	.4	-
1,500 miles and over	35	100.0	40.1	53.8	3.0	.8	1.1	1.2	-
TON-MILES	(millions of ton-miles)								
Total	286	100.0	32.8	37.8	25.6	.3	2.6	.8	.1
Under 50 miles	4	100.0	6.6	62.7	27.1	-	1.2	2.4	-
50 to 99 miles	6	100.0	16.3	56.3	27.1	-	-	.3	-
100 to 199 miles	14	100.0	4.5	34.3	25.3	.1	35.3	.5	-
200 to 299 miles	7	100.0	11.8	73.5	13.4	-	-	1.1	.2
300 to 399 miles	11	100.0	31.7	57.2	8.6	.2	.3	1.9	.1
400 to 499 miles	13	100.0	37.2	36.0	24.7	-	.2	1.7	.2
500 to 799 miles	36	100.0	48.9	29.0	21.3	.1	-	.6	.1
800 to 999 miles	62	100.0	26.4	15.0	58.2	-	.2	.2	-
1,000 to 1,199 miles	26	100.0	5.6	47.4	43.1	.2	2.1	1.3	.3
1,200 to 1,499 miles	33	100.0	55.8	27.9	15.3	-	.7	.3	-
1,500 miles and over	74	100.0	39.4	53.9	2.5	.9	2.0	1.3	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 232--Percent Distribution of Weight, by Means of Transport: 1967

Ships and Boats

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	529	100.0	22.7	45.6	27.9	3.8
Under 1,000 pounds	26	100.0	4.9	57.1	31.7	6.3
Under 50 pounds	1	100.0	.1	68.3	14.3	17.3
50 to 99 pounds	1	100.0	-	78.1	16.7	5.2
100 to 199 pounds	3	100.0	-	89.5	6.8	3.7
200 to 499 pounds	6	100.0	1.8	81.8	11.7	4.7
500 to 999 pounds	15	100.0	7.7	39.2	46.2	6.9
1,000 to 9,999 pounds	86	100.0	3.6	46.5	46.8	3.1
1,000 to 1,999 pounds	11	100.0	9.0	42.8	42.3	5.9
2,000 to 2,999 pounds	15	100.0	4.3	41.2	49.2	5.3
3,000 to 3,999 pounds	8	100.0	-	30.5	68.8	.7
4,000 to 4,999 pounds	12	100.0	4.1	51.7	42.9	1.3
5,000 to 9,999 pounds	40	100.0	2.3	51.3	43.8	2.6
10,000 to 29,999 pounds	141	100.0	31.5	40.9	27.3	.3
10,000 to 19,999 pounds	58	100.0	12.1	60.3	26.8	.8
20,000 to 29,999 pounds	83	100.0	44.8	27.4	27.7	.1
30,000 to 59,999 pounds	206	100.0	12.2	59.1	28.0	.7
30,000 to 39,999 pounds	90	100.0	5.9	51.7	41.3	1.1
40,000 to 49,999 pounds	106	100.0	14.6	66.3	18.7	.4
50,000 to 59,999 pounds	10	100.0	41.5	50.4	7.8	.3
60,000 to 89,999 pounds	22	100.0	69.8	23.7	-	6.5
60,000 to 69,999 pounds	17	100.0	79.4	17.0	-	3.6
70,000 to 79,999 pounds	2	100.0	83.4	13.9	-	2.7
80,000 to 89,999 pounds	3	100.0	12.9	63.2	-	23.9
90,000 pounds and over	48	100.0	63.9	4.9	6.0	25.2
TON-MILES	(millions of ton-miles)					
Total	252	100.0	34.9	35.2	27.5	2.4
Under 1,000 pounds	13	100.0	3.3	59.7	30.2	6.8
Under 50 pounds	-	-	-	-	-	-
50 to 99 pounds	1	100.0	-	73.5	7.2	19.3
100 to 199 pounds	1	100.0	-	91.3	2.4	6.3
200 to 499 pounds	4	100.0	1.6	89.7	2.9	5.8
500 to 999 pounds	7	100.0	5.1	38.0	51.3	5.6
1,000 to 9,999 pounds	55	100.0	4.5	46.9	45.9	2.7
1,000 to 1,999 pounds	5	100.0	9.8	41.8	43.2	5.2
2,000 to 2,999 pounds	7	100.0	2.5	54.6	34.7	8.2
3,000 to 3,999 pounds	6	100.0	-	37.3	61.5	1.2
4,000 to 4,999 pounds	8	100.0	6.8	50.6	40.2	2.4
5,000 to 9,999 pounds	29	100.0	4.5	46.7	47.4	1.4
10,000 to 29,999 pounds	73	100.0	37.7	48.6	12.7	1.0
10,000 to 19,999 pounds	36	100.0	17.8	75.2	4.7	2.3
20,000 to 29,999 pounds	37	100.0	57.2	22.2	20.6	-
30,000 to 59,999 pounds	90	100.0	43.2	21.6	34.1	1.1
30,000 to 39,999 pounds	43	100.0	20.1	20.1	58.4	1.4
40,000 to 49,999 pounds	41	100.0	59.4	25.5	14.1	1.0
50,000 to 59,999 pounds	6	100.0	93.6	5.7	.5	.2
60,000 to 89,999 pounds	10	100.0	92.6	6.6	-	.8
60,000 to 69,999 pounds	8	100.0	95.1	4.7	-	.2
70,000 to 79,999 pounds	1	100.0	80.6	15.2	-	4.2
80,000 to 89,999 pounds	1	100.0	85.1	13.7	-	1.2
90,000 pounds and over	11	100.0	80.5	.4	1.8	17.3

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 232--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Ships and Boats

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	529	100.0	22.7	45.6	27.9	3.8
Under 200 miles	269	100.0	11.7	55.2	27.4	5.7
Under 1,000 pounds	9	100.0	5.9	62.0	26.6	5.5
1,000 to 9,999 pounds	26	100.0	2.4	55.7	38.3	3.6
10,000 to 29,999 pounds	62	100.0	11.0	40.3	48.6	.1
30,000 to 59,999 pounds	127	100.0	1.3	76.2	22.1	.4
60,000 to 89,999 pounds	9	100.0	38.2	45.4	-	16.4
90,000 pounds and over	36	100.0	51.9	6.5	8.0	33.6
200 to 399 miles	46	100.0	20.0	64.7	13.1	2.2
Under 1,000 pounds	5	100.0	4.4	68.9	17.1	9.6
1,000 to 9,999 pounds	11	100.0	5.9	55.3	34.9	3.9
10,000 to 29,999 pounds	14	100.0	44.8	48.6	6.1	.5
30,000 to 59,999 pounds	13	100.0	-	96.3	3.7	-
60,000 to 89,999 pounds	1	100.0	-	100.0	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
400 to 599 miles	35	100.0	30.9	38.4	28.1	2.6
Under 1,000 pounds	4	100.0	8.7	15.4	70.3	5.6
1,000 to 9,999 pounds	11	100.0	-	31.0	63.3	5.7
10,000 to 29,999 pounds	11	100.0	58.6	41.4	-	-
30,000 to 59,999 pounds	5	100.0	1.0	97.7	-	1.3
60,000 to 89,999 pounds	1	100.0	100.0	-	-	-
90,000 pounds and over	3	100.0	100.0	-	-	-
600 to 999 miles	106	100.0	38.9	18.4	42.3	.4
Under 1,000 pounds	3	100.0	5.2	63.8	26.1	4.9
1,000 to 9,999 pounds	14	100.0	.5	35.6	63.3	.6
10,000 to 29,999 pounds	37	100.0	65.2	17.8	16.9	.1
30,000 to 59,999 pounds	36	100.0	3.9	15.7	80.0	.4
60,000 to 89,999 pounds	11	100.0	98.0	2.0	-	-
90,000 pounds and over	5	100.0	100.0	-	-	-
1,000 miles and over	73	100.0	37.2	41.7	18.5	2.6
Under 1,000 pounds	4	100.0	-	68.3	26.4	5.3
1,000 to 9,999 pounds	23	100.0	7.2	45.7	44.5	2.6
10,000 to 29,999 pounds	18	100.0	6.9	83.5	7.8	1.8
30,000 to 59,999 pounds	25	100.0	87.7	7.3	2.3	2.7
60,000 to 89,999 pounds	1	100.0	95.0	-	-	5.0
90,000 pounds and over	2	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	252	100.0	34.9	35.2	27.5	2.4
Under 200 miles	19	100.0	7.2	51.0	30.9	10.9
Under 1,000 pounds	1	100.0	6.1	59.4	27.9	6.6
1,000 to 9,999 pounds	2	100.0	1.8	55.6	39.2	3.4
10,000 to 29,999 pounds	4	100.0	12.0	42.7	45.1	.2
30,000 to 59,999 pounds	9	100.0	2.3	66.1	31.3	.3
60,000 to 89,999 pounds	-	-	-	-	-	-
90,000 pounds and over	3	100.0	16.8	1.5	7.7	74.0
200 to 399 miles	14	100.0	21.1	64.7	12.0	2.2
Under 1,000 pounds	2	100.0	4.6	70.1	15.3	10.0
1,000 to 9,999 pounds	3	100.0	5.7	56.1	34.2	4.0
10,000 to 29,999 pounds	4	100.0	48.9	46.2	4.3	.6
30,000 to 59,999 pounds	4	100.0	-	96.7	3.3	-
60,000 to 89,999 pounds	-	-	-	-	-	-
90,000 pounds and over	1	100.0	100.0	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 232--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Ships and Boats

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	17	100.0	30.5	38.8	28.0	2.7
Under 1,000 pounds	2	100.0	8.1	16.1	70.2	5.6
1,000 to 9,999 pounds	5	100.0	-	30.7	63.3	6.0
10,000 to 29,999 pounds	5	100.0	56.2	43.8	-	-
30,000 to 59,999 pounds	3	100.0	.9	98.0	-	1.1
60,000 to 89,999 pounds	-	-	-	-	-	-
90,000 pounds and over	2	100.0	100.0	-	-	-
600 to 999 miles	88	100.0	36.1	17.1	46.3	.5
Under 1,000 pounds	3	100.0	6.0	62.2	27.1	4.7
1,000 to 9,999 pounds	11	100.0	.5	34.8	64.0	.7
10,000 to 29,999 pounds	31	100.0	64.4	16.2	19.3	.1
30,000 to 59,999 pounds	33	100.0	3.3	13.4	82.9	.4
60,000 to 89,999 pounds	7	100.0	97.5	2.5	-	-
90,000 pounds and over	3	100.0	100.0	-	-	-
1,000 miles and over	114	100.0	40.8	42.4	14.1	2.7
Under 1,000 pounds	6	100.0	-	69.6	23.0	7.4
1,000 to 9,999 pounds	33	100.0	6.7	52.3	38.4	2.6
10,000 to 29,999 pounds	29	100.0	7.8	84.5	5.1	2.6
30,000 to 59,999 pounds	42	100.0	90.8	5.9	1.4	1.9
60,000 to 89,999 pounds	2	100.0	96.9	-	-	3.1
90,000 pounds and over	2	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 232--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Ships and Boats

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	605	100.0	21.7	44.7	25.5	0.1	6.8	1.2	-
New England	50	100.0	2.4	81.8	15.2	.2	.4	-	-
Middle Atlantic	32	100.0	16.4	56.8	17.7	-	2.7	5.9	0.5
East North Central	33	100.0	20.8	74.1	4.9	-	-	.1	.1
South Atlantic	190	100.0	8.6	43.9	44.0	.2	.6	2.7	-
West South Central	31	100.0	11.0	7.3	39.6	.1	41.7	.3	-
Pacific[1]	141	100.0	27.7	58.9	13.0	.1	.1	.1	.1
Balance of United States[2]	128	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	286	100.0	32.8	37.8	25.6	.3	2.6	.8	.1
New England	25	100.0	2.9	76.0	16.1	.7	4.3	-	-
Middle Atlantic	14	100.0	21.9	58.4	14.5	-	.3	4.3	.6
East North Central	17	100.0	20.5	78.2	1.0	-	-	.1	.2
South Atlantic	94	100.0	12.6	25.7	58.4	.5	1.1	1.7	-
West South Central	16	100.0	20.1	10.5	57.2	.2	11.6	.4	-
Pacific[1]	70	100.0	41.4	55.6	1.9	.2	.6	.2	.1
Balance of United States[2]	50	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 232--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Ships and Boats

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	605	605	43	58	98	51	124	44	39	6	142
Ton-miles.....millions..	286	286	12	35	42	11	46	38	24	5	73
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	605	100.0	7.1	9.6	16.1	8.4	20.6	7.3	6.4	0.9	23.6
Shipments from--											
New England.....	50	100.0	60.9	10.6	5.9	.9	7.1	1.9	4.4	.4	7.9
Middle Atlantic.....	32	100.0	5.5	38.5	19.0	5.2	16.5	1.8	9.3	.2	4.0
East North Central.....	33	100.0	2.3	9.9	49.2	6.4	11.9	1.2	9.7	.6	8.8
South Atlantic.....	190	100.0	4.5	12.2	8.8	.2	49.2	18.9	4.3	.1	1.8
West South Central.....	31	100.0	2.8	3.8	5.8	5.0	5.3	3.5	63.9	2.3	7.6
Pacific[2].....	141	100.0	.2	3.5	5.2	.8	3.4	.3	1.5	2.6	82.5
Balance of U.S.[3].....	128	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	286	100.0	4.1	12.4	14.8	3.7	16.1	13.2	8.3	1.7	25.7
Shipments from--											
New England.....	25	100.0	6.9	5.0	9.1	2.2	13.6	3.7	13.6	1.7	44.2
Middle Atlantic.....	14	100.0	4.6	13.6	15.5	8.1	7.9	2.9	25.6	.6	21.2
East North Central.....	17	100.0	3.3	12.3	8.4	5.4	22.8	1.1	14.6	1.3	30.8
South Atlantic.....	94	100.0	6.8	10.9	12.1	.4	16.5	36.2	8.3	.3	8.5
West South Central.....	16	100.0	8.7	9.9	11.2	9.2	11.2	4.3	19.3	3.3	22.9
Pacific[2].....	70	100.0	1.2	17.0	18.4	2.4	14.4	1.3	4.9	3.9	36.5
Balance of U.S.[3].....	50	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 232--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Ships and Boats

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	605	100.0	21.7	44.7	25.5	0.1	6.8	1.2	-
South Atlantic, total	190	100.0	8.6	43.9	44.0	.2	.6	2.7	-
Shipments to--									
Middle Atlantic	23	100.0	17.1	62.0	19.1	.3	1.0	.5	-
South Atlantic	94	100.0	6.6	54.4	34.2	.1	.4	4.3	-
Pacific, total	141	100.0	27.7	58.9	13.0	.1	.1	.1	0.1
Shipments to--									
Pacific	116	100.0	24.8	59.4	15.5	-	.1	.1	.1
TON-MILES	(millions of ton-miles)								
U.S. total	286	100.0	32.8	37.8	25.6	.3	2.6	.8	.1
South Atlantic, total	94	100.0	12.6	25.7	58.4	.5	1.1	1.7	-
Shipments to--									
Middle Atlantic	10	100.0	12.7	53.9	29.8	.1	2.4	1.1	-
South Atlantic	15	100.0	21.4	29.2	46.7	.2	1.1	1.4	-
Pacific, total	70	100.0	41.4	55.6	1.9	.2	.6	.2	.1
Shipments to--									
Pacific	25	100.0	30.3	63.3	4.6	-	1.5	.1	.2

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 232--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Ships and Boats

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	605	-	299	279	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	286	-	180	74
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	21.7	-	20.4	21.5	32.8	-	25.9	35.1
Motor carrier.....	44.7	-	35.6	52.8	37.8	-	33.1	51.3
Private truck.....	25.5	-	42.7	9.4	25.6	-	39.5	2.6
Air.....	.1	-	-	.2	.3	-	-	1.0
Water.....	6.8	-	.1	14.7	2.6	-	.6	8.7
Other.....	1.2	-	1.1	1.4	.8	-	.8	1.3
Unknown.....	-	-	.1	-	.1	-	.1	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	35.1	-	26.2	45.8	3.3	-	2.4	6.5
100 to 199 miles.....	16.1	-	8.8	24.8	5.0	-	2.2	13.5
200 to 299 miles.....	5.0	-	7.1	3.2	2.6	-	2.8	3.0
300 to 399 miles.....	5.1	-	3.7	6.3	3.7	-	2.2	7.9
400 to 499 miles.....	4.6	-	5.9	3.8	4.4	-	4.3	6.5
500 to 999 miles.....	20.2	-	29.8	11.4	34.2	-	41.8	29.3
1,000 miles and over.....	13.9	-	18.5	4.7	46.8	-	44.3	33.3

Table 8. SHIPPER CLASS 232--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Ships and Boats

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	59.2	80.0	36.9	88.4
Highway facilities	58.8	60.0	52.1	84.3
Rail and highway facilities	31.0	40.0	13.0	80.7
Air facilities	67.8	60.0	70.9	80.3
Rail, highway, and air facilities	27.1	40.0	7.8	69.1
Water facilities	36.2	20.0	35.6	92.4
Rail, highway, air, and water facilities	11.8	-	7.8	69.1

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. There were no plants that reported they did not have any of the above transportation facilities.

TABLE 1. SHIPPER CLASS 233--Percent Distribution of Distance, by Means of Transport: 1967

Other Transportation Equipment and Parts

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	4,322	100.0	52.5	29.1	18.0	0.1	-	0.2	0.1
Under 50 miles	413	100.0	48.1	37.4	13.8	-	-	.6	.1
50 to 99 miles	391	100.0	58.6	25.2	15.8	-	-	.2	.2
100 to 199 miles	1,008	100.0	53.3	34.6	11.6	-	-	.2	.3
200 to 299 miles	662	100.0	33.9	50.1	15.8	-	-	.1	.1
300 to 399 miles	493	100.0	61.1	22.3	16.3	-	-	.2	.1
400 to 499 miles	435	100.0	55.1	17.2	27.6	-	-	.1	-
500 to 599 miles	161	100.0	50.1	19.9	28.8	1.1	-	.1	-
600 to 799 miles	304	100.0	66.1	16.7	16.8	-	-	.4	-
800 to 999 miles	209	100.0	51.7	12.4	35.5	.1	-	.3	-
1,000 to 1,499 miles	110	100.0	33.3	12.8	53.2	.1	-	.6	-
1,500 miles and over	136	100.0	82.9	11.4	5.1	.3	0.1	.2	-
TON-MILES	(millions of ton-miles)								
Total	1,627	100.0	57.1	20.9	21.6	.1	-	.3	-
Under 50 miles	12	100.0	50.7	36.9	11.7	-	-	.6	.1
50 to 99 miles	28	100.0	57.1	26.4	16.2	-	-	.1	.2
100 to 199 miles	155	100.0	53.1	34.8	11.6	-	-	.2	.3
200 to 299 miles	160	100.0	33.4	50.4	15.9	-	-	.2	.1
300 to 399 miles	176	100.0	61.8	22.2	15.7	-	-	.2	.1
400 to 499 miles	192	100.0	55.0	17.6	27.3	-	-	.1	-
500 to 599 miles	89	100.0	50.3	19.6	28.9	1.1	-	.1	-
600 to 799 miles	209	100.0	66.0	16.4	17.2	-	-	.4	-
800 to 999 miles	184	100.0	50.2	12.7	36.7	.1	-	.3	-
1,000 to 1,499 miles	142	100.0	32.4	11.9	55.0	.1	-	.6	-
1,500 miles and over	280	100.0	83.3	10.5	5.5	.3	.2	.2	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 233--Percent Distribution of Weight, by Means of Transport: 1967

Other Transportation Equipment and Parts

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	4,181	100.0	53.8	29.2	16.5	0.5
Under 1,000 pounds	54	100.0	5.2	76.4	12.2	6.2
Under 50 pounds	2	100.0	8.1	32.6	12.5	46.8
50 to 99 pounds	3	100.0	7.6	60.1	11.3	21.0
100 to 199 pounds	5	100.0	3.0	78.8	12.4	5.8
200 to 499 pounds	16	100.0	3.7	78.8	11.6	5.9
500 to 999 pounds	28	100.0	6.0	78.2	12.6	3.2
1,000 to 9,999 pounds	330	100.0	3.3	42.4	52.3	2.0
1,000 to 1,999 pounds	53	100.0	4.1	71.9	23.2	.8
2,000 to 2,999 pounds	47	100.0	2.7	41.1	53.8	2.4
3,000 to 3,999 pounds	40	100.0	.5	42.7	54.1	2.7
4,000 to 4,999 pounds	49	100.0	.3	31.6	66.9	1.2
5,000 to 9,999 pounds	141	100.0	5.1	35.6	56.8	2.5
10,000 to 29,999 pounds	624	100.0	15.7	38.4	44.6	1.3
10,000 to 19,999 pounds	403	100.0	11.4	30.2	56.4	2.0
20,000 to 29,999 pounds	221	100.0	23.7	53.3	22.9	.1
30,000 to 59,999 pounds	1,174	100.0	17.9	66.1	15.9	.1
30,000 to 39,999 pounds	328	100.0	20.6	43.3	35.8	.3
40,000 to 49,999 pounds	686	100.0	12.7	77.4	9.9	-
50,000 to 59,999 pounds	160	100.0	34.6	64.7	.7	-
60,000 to 89,999 pounds	341	100.0	90.6	2.2	7.2	-
60,000 to 69,999 pounds	76	100.0	93.4	6.6	-	-
70,000 to 79,999 pounds	86	100.0	68.5	3.1	28.4	-
80,000 to 89,999 pounds	179	100.0	100.0	-	-	-
90,000 pounds and over	1,658	100.0	97.7	1.0	1.3	-
TON-MILES	(millions of ton-miles)					
Total	1,597	100.0	57.7	21.2	20.7	.4
Under 1,000 pounds	30	100.0	10.4	74.0	7.1	8.5
Under 50 pounds	1	100.0	14.0	31.6	5.7	48.7
50 to 99 pounds	1	100.0	10.9	59.4	5.1	24.6
100 to 199 pounds	3	100.0	3.8	80.7	8.7	6.8
200 to 499 pounds	8	100.0	8.1	78.2	6.1	7.6
500 to 999 pounds	17	100.0	12.6	73.8	7.5	6.1
1,000 to 9,999 pounds	162	100.0	3.9	47.2	46.9	2.0
1,000 to 1,999 pounds	28	100.0	7.2	68.0	22.1	2.7
2,000 to 2,999 pounds	25	100.0	3.1	45.8	48.2	2.9
3,000 to 3,999 pounds	18	100.0	.5	50.4	45.9	3.2
4,000 to 4,999 pounds	22	100.0	.5	35.9	63.0	.6
5,000 to 9,999 pounds	69	100.0	4.6	41.9	51.8	1.7
10,000 to 29,999 pounds	212	100.0	26.6	30.8	41.7	.9
10,000 to 19,999 pounds	137	100.0	19.2	30.3	49.1	1.4
20,000 to 29,999 pounds	75	100.0	40.1	31.8	28.1	-
30,000 to 59,999 pounds	442	100.0	34.0	38.9	27.1	-
30,000 to 39,999 pounds	202	100.0	40.8	17.4	41.8	-
40,000 to 49,999 pounds	186	100.0	20.6	60.7	18.7	-
50,000 to 59,999 pounds	54	100.0	55.0	43.6	1.4	-
60,000 to 89,999 pounds	144	100.0	83.6	.4	16.0	-
60,000 to 69,999 pounds	46	100.0	99.0	1.0	-	-
70,000 to 79,999 pounds	51	100.0	54.9	.2	44.9	-
80,000 to 89,999 pounds	47	100.0	100.0	-	-	-
90,000 pounds and over	607	100.0	96.0	.4	3.6	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 233--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Other Transportation Equipment and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	4,181	100.0	53.8	29.2	16.5	0.5
Under 200 miles	1,744	100.0	55.1	32.7	11.6	.6
Under 1,000 pounds	16	100.0	.9	68.5	25.8	4.8
1,000 to 9,999 pounds	100	100.0	3.7	37.7	55.4	3.2
10,000 to 29,999 pounds	258	100.0	3.2	48.4	46.4	2.0
30,000 to 59,999 pounds	440	100.0	9.9	86.1	3.8	.2
60,000 to 89,999 pounds	188	100.0	94.4	3.4	2.2	-
90,000 pounds and over	742	100.0	98.2	1.5	.3	-
200 to 399 miles	1,107	100.0	46.5	39.8	13.4	.3
Under 1,000 pounds	12	100.0	1.9	84.8	8.8	4.5
1,000 to 9,999 pounds	82	100.0	1.0	39.3	58.3	1.4
10,000 to 29,999 pounds	178	100.0	16.7	37.6	45.0	.7
30,000 to 59,999 pounds	396	100.0	14.4	81.8	3.8	-
60,000 to 89,999 pounds	45	100.0	88.8	2.9	8.3	-
90,000 pounds and over	394	100.0	98.5	1.5	-	-
400 to 599 miles	575	100.0	54.8	18.5	26.3	.4
Under 1,000 pounds	9	100.0	1.2	88.4	3.4	7.0
1,000 to 9,999 pounds	49	100.0	5.6	39.6	54.1	.7
10,000 to 29,999 pounds	89	100.0	29.3	19.8	49.0	1.9
30,000 to 59,999 pounds	176	100.0	21.1	35.0	43.9	-
60,000 to 89,999 pounds	35	100.0	89.3	-	10.7	-
90,000 pounds and over	217	100.0	100.0	-	-	-
600 to 999 miles	509	100.0	60.6	14.9	24.1	.4
Under 1,000 pounds	8	100.0	12.5	73.6	3.7	10.2
1,000 to 9,999 pounds	63	100.0	3.8	51.7	42.8	1.7
10,000 to 29,999 pounds	76	100.0	27.8	33.4	38.8	-
30,000 to 59,999 pounds	92	100.0	28.8	13.3	57.9	-
60,000 to 89,999 pounds	41	100.0	91.8	-	8.2	-
90,000 pounds and over	229	100.0	95.9	-	4.1	-
1,000 miles and over	246	100.0	60.7	12.0	26.7	.6
Under 1,000 pounds	9	100.0	15.0	69.1	8.5	7.4
1,000 to 9,999 pounds	36	100.0	3.7	50.6	42.9	2.8
10,000 to 29,999 pounds	24	100.0	54.9	20.5	24.6	-
30,000 to 59,999 pounds	70	100.0	65.6	.5	33.9	-
60,000 to 89,999 pounds	31	100.0	69.6	-	30.4	-
90,000 pounds and over	76	100.0	86.7	-	13.3	-
TON-MILES	(millions of ton-miles)					
Total[1]	1,597	100.0	57.7	21.2	20.7	.4
Under 200 miles	191	100.0	54.6	33.8	11.1	.5
Under 1,000 pounds	1	100.0	1.5	78.0	16.6	3.9
1,000 to 9,999 pounds	11	100.0	5.7	38.4	53.0	2.9
10,000 to 29,999 pounds	24	100.0	3.5	40.6	53.6	2.3
30,000 to 59,999 pounds	54	100.0	6.8	90.0	3.1	.1
60,000 to 89,999 pounds	25	100.0	96.6	.8	2.6	-
90,000 pounds and over	76	100.0	99.2	.7	.1	-
200 to 399 miles	321	100.0	49.3	37.1	13.3	.3
Under 1,000 pounds	3	100.0	1.9	84.8	8.7	4.6
1,000 to 9,999 pounds	25	100.0	.9	39.9	57.7	1.5
10,000 to 29,999 pounds	52	100.0	18.3	37.5	43.6	.6
30,000 to 59,999 pounds	107	100.0	16.6	79.3	4.1	-
60,000 to 89,999 pounds	14	100.0	88.9	2.6	8.5	-
90,000 pounds and over	120	100.0	98.5	1.5	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 233--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Other Transportation Equipment and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	271	100.0	54.3	18.9	26.3	0.5
Under 1,000 pounds	4	100.0	1.2	88.5	3.2	7.1
1,000 to 9,999 pounds	24	100.0	6.2	38.6	54.6	.6
10,000 to 29,999 pounds	43	100.0	29.8	19.1	48.9	2.2
30,000 to 59,999 pounds	84	100.0	23.1	35.2	41.7	-
60,000 to 89,999 pounds	17	100.0	88.9	-	11.1	-
90,000 pounds and over	99	100.0	100.0	-	-	-
600 to 999 miles	391	100.0	59.1	14.6	26.0	.3
Under 1,000 pounds	6	100.0	13.0	72.5	4.0	10.5
1,000 to 9,999 pounds	48	100.0	3.5	51.5	43.3	1.7
10,000 to 29,999 pounds	59	100.0	26.1	34.0	39.9	-
30,000 to 59,999 pounds	76	100.0	26.2	10.6	63.2	-
60,000 to 89,999 pounds	29	100.0	90.2	-	9.8	-
90,000 pounds and over	173	100.0	96.2	-	3.8	-
1,000 miles and over	423	100.0	66.1	10.9	22.2	.8
Under 1,000 pounds	14	100.0	15.2	66.9	8.3	9.6
1,000 to 9,999 pounds	55	100.0	4.0	52.5	40.5	3.0
10,000 to 29,999 pounds	34	100.0	53.0	22.7	24.3	-
30,000 to 59,999 pounds	121	100.0	74.1	.4	25.5	-
60,000 to 89,999 pounds	60	100.0	72.3	-	27.7	-
90,000 pounds and over	139	100.0	89.3	-	10.7	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 233--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Other Transportation Equipment and Parts

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,322	100.0	52.5	29.1	18.0	0.1	-	0.2	0.1
Middle Atlantic	2,739	100.0	65.8	31.3	2.7	-	-	-	.2
East North Central	713	100.0	38.5	28.6	32.3	.1	-	.4	.1
West North Central	437	100.0	14.6	12.6	71.9	-	-	.9	-
East South Central	128	100.0	57.6	30.9	10.2	1.3	-	-	-
West South Central	103	100.0	-	6.0	94.0	-	-	-	-
Pacific[1]	108	100.0	17.1	57.7	22.6	-	-	2.6	-
Balance of United States[2]	94	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,627	100.0	57.1	20.9	21.6	.1	-	.3	-
Middle Atlantic	917	100.0	75.3	22.2	2.4	-	-	-	.1
East North Central	256	100.0	54.7	19.2	25.0	.4	-	.7	-
West North Central	285	100.0	11.2	10.7	77.5	-	-	.6	-
East South Central	58	100.0	60.9	31.4	6.1	1.6	-	-	-
West South Central	29	100.0	-	12.4	87.6	-	-	-	-
Pacific[1]	50	100.0	37.3	44.4	17.5	.1	0.1	.6	-
Balance of United States[2]	32	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 233--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Other Transportation Equipment and Parts

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	4,322	4,322	66	1,342	1,488	286	348	262	200	72	258
Ton-miles.....millions..	1,627	1,627	31	292	398	167	138	116	103	43	339
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	4,322	100.0	1.5	31.0	34.5	6.6	8.0	6.1	4.6	1.7	6.0
Shipments from--											
Middle Atlantic.....	2,739	100.0	1.6	40.9	34.6	5.3	9.1	4.7	1.2	-	2.6
East North Central.....	713	100.0	1.9	15.0	53.2	9.9	7.8	5.1	1.6	.5	5.0
West North Central.....	437	100.0	.3	19.0	26.4	10.6	4.5	5.4	14.6	7.6	11.6
East South Central.....	128	100.0	1.8	6.5	17.9	1.2	7.5	45.4	13.3	1.2	5.2
West South Central.....	103	100.0	.3	.8	1.6	17.2	.5	1.8	65.4	11.3	1.1
Pacific[2].....	108	100.0	.1	3.6	2.5	1.3	.5	1.6	5.3	6.9	78.2
Balance of U.S.[3].....	94	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	1,627	100.0	1.9	17.9	24.5	10.3	8.5	7.1	6.3	2.7	20.8
Shipments from--											
Middle Atlantic.....	917	100.0	1.7	16.8	30.0	12.5	9.1	7.8	4.6	-	17.5
East North Central.....	256	100.0	3.9	16.7	19.3	11.8	11.6	5.9	3.9	1.8	25.1
West North Central.....	285	100.0	.6	26.0	16.5	4.4	5.8	4.2	7.2	8.0	27.3
East South Central.....	58	100.0	4.0	11.2	18.5	1.2	7.3	19.5	13.6	2.7	22.0
West South Central.....	29	100.0	1.8	3.6	4.5	17.0	2.0	2.3	43.1	21.1	4.6
Pacific[2].....	50	100.0	.3	17.6	9.9	4.1	2.2	6.7	17.6	7.2	34.4
Balance of U.S.[3].....	32	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 233--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Other Transportation Equipment and Parts

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	4,322	100.0	52.5	29.1	18.0	0.1	-	0.2	0.1
Middle Atlantic, total	2,739	100.0	65.8	31.3	2.7	-	-	-	.2
Shipments to--									
Middle Atlantic	1,118	100.0	62.0	34.2	3.4	-	-	-	.4
East North Central	947	100.0	59.8	38.2	2.0	-	-	-	-
East North Central, total	713	100.0	38.5	28.6	32.3	.1	-	.4	.1
Shipments to--									
Middle Atlantic	107	100.0	61.4	14.1	24.3	.1	-	.1	-
East North Central	379	100.0	20.3	41.5	38.0	-	-	.1	.1
West North Central	70	100.0	53.7	10.4	34.7	.1	-	1.1	-
South Atlantic	55	100.0	61.6	14.3	23.5	-	-	.6	-
TON-MILES	(millions of ton-miles)								
U.S. total	1,627	100.0	57.1	20.9	21.6	.1	-	.3	-
Middle Atlantic, total	917	100.0	75.3	22.2	2.4	-	-	-	.1
Shipments to--									
Middle Atlantic	154	100.0	55.7	40.3	3.7	-	-	-	.3
East North Central	275	100.0	62.5	33.8	3.7	-	-	-	-
East North Central, total	256	100.0	54.7	19.2	25.0	.4	-	.7	-
Shipments to--									
Middle Atlantic	43	100.0	55.7	18.8	25.3	.1	-	.1	-
East North Central	49	100.0	23.8	32.2	43.8	-	-	.2	-
West North Central	30	100.0	57.2	9.4	31.5	.1	-	1.8	-
South Atlantic	30	100.0	59.4	15.0	24.9	-	-	.7	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 233--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Other Transportation Equipment and Parts

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	4,322	326	974	3,022	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	1,627	100	499	1,028
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	52.5	38.0	10.6	67.5	57.1	41.3	16.2	78.2
Motor carrier.....	29.1	34.8	21.2	31.0	20.9	31.5	18.5	21.1
Private truck.....	18.0	26.0	67.3	1.3	21.6	24.7	64.8	.4
Air.....	.1	-	-	.1	.1	.1	-	.2
Water.....	-	-	-	-	-	.4	-	-
Other.....	.2	1.2	.3	.1	.3	2.0	.3	.1
Unknown.....	.1	-	.6	-	-	-	.2	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	18.6	31.7	10.0	19.9	2.5	3.7	1.1	3.0
100 to 199 miles.....	23.3	31.0	15.7	25.1	9.5	16.9	4.7	11.2
200 to 299 miles.....	15.3	8.2	13.6	16.6	9.8	6.3	6.5	11.8
300 to 399 miles.....	11.4	9.3	10.4	12.0	10.8	10.9	7.0	12.6
400 to 499 miles.....	10.1	3.2	14.6	9.3	11.8	4.4	12.5	12.1
500 to 999 miles.....	15.6	11.7	25.2	12.9	29.6	27.6	36.1	26.7
1,000 miles and over.....	5.7	4.9	10.5	4.2	26.0	30.2	32.1	22.6

Table 8. SHIPPER CLASS 233--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Other Transportation Equipment and Parts

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total.....	100.0	100.0	100.0	100.0
Rail facilities.....	53.5	42.3	59.8	100.0
Highway facilities.....	75.2	76.9	68.5	89.1
Rail and highway facilities.....	35.5	26.9	35.6	89.1
Air facilities.....	74.5	80.8	61.3	84.4
Rail, highway, and air facilities.....	27.1	19.2	25.0	84.4
Water facilities.....	11.8	7.7	13.8	30.2
Rail, highway, air, and water facilities.	9.4	7.7	7.9	25.5

Note: Each establishment was requested to indicate the type of transportation available by checking one or more of the following: Rail siding; access to an interstate highway system within 5 miles of the plant site; water loading and unloading facilities within 5 miles of the plant site; airport offering air cargo service located within 25 miles of the plant site; none of the above applies. With respect to interpretation, an establishment that checked both rail and highway would be included in each of the first five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 11.7 percent reported they did not have any of the above transportation facilities available.

Shipper Group 24

Instruments, Photographic Equipment, Watches, and Clocks

241 Engineering, laboratory, and scientific instruments
242 Measuring, controlling, and indicating instruments
243 Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies
244 Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts

SAMPLE SIZE

The sample for this shipper group consisted of 207 establishments, of which 202 were in scope and provided data from 27,217 sampled documents, consisting of bills of lading, sales invoices, various types of summary records, or other documents. The balance (5 establishments) were out of scope largely because they served local markets almost exclusively.

RELATIONSHIP BETWEEN SHIPPER CLASS AND STANDARD INDUSTRIAL CLASSIFICATION

Each manufacturing plant is assigned to its appropriate shipper class on the basis of its Standard Industrial Classification. The shipper group is the sum of the shipper classes within the group. The four classes in Shipper Group 24 and their related SIC industries are as follows:

Shipper Class 241.--Engineering, laboratory, and scientific instruments
- SIC 3811.--Engineering, laboratory, and scientific and research instruments and associated equipment

Shipper Class 242.--Measuring, controlling, and indicating instruments
- SIC 3821.--Mechanical measuring and controlling instruments, except automatic temperature controls
- SIC 3822.--Automatic temperature controls

Shipper Class 243.--Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies
- SIC 3831.--Optical instruments and lenses
- SIC 3841.--Surgical and medical instruments and apparatus
- SIC 3842.--Orthopedic, prosthetic, and surgical appliances and supplies
- SIC 3843.--Dental equipment and supplies
- SIC 3851.--Ophthalmic goods

Shipper Class 244.--Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts
- SIC 3861.--Photographic equipment and supplies
- SIC 3871.--Watches, clocks, clockwork-operated devices, and parts except watchcases
- SIC 3872.--Watchcases

CLASSIFICATION OF COMMODITIES

The following list of commodity codes is presented for persons who wish a precise identification of the major or primary products in the shipper group and shipper classes. The SIC codes in the list should be used in conjunction with the Census of Manufactures data and the TCC codes should be used in conjunction with transportation data based on the Transportation Commodity Classification. Although identical numbers are found frequently in the two different coding systems, they are not necessarily identical with respect to commodity content.

Shipper Class Relationship with Transportation Commodity Classification (TCC) and Standard Industrial Classification (SIC)

Shipper class (Code and title)	Approximate TCC equivalent 4-digit level	SIC 4-digit level
241–Engineering, laboratory, and scientific instruments	3811	3811
242–Measuring, controlling, and indicating instruments	3821 (part), 3822	3821,3822
243–Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies	3821 (part), 3831,3841, 3842,3843,3851	3831,3841,3842,3843, 3851
244--Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts	3861,3871	3861,3871,3872

PRIMARY AND SECONDARY COMMODITIES

Statistics concerning specific commodity classes will be shown in the Area Series and Commodity Series of reports. All of the data in this Shipper Series are based on the total commodities shipped by the manufacturers in the shipper group or shipper classes. However, a general comment about the commodity mixtures may be helpful.

As indicated by the following table, about 61 percent of the shipments were "major" commodities, in the sense that they were the type of products normally associated with the specified shipper class or shipper group. The balance of the commodities were secondary in the sense that they are normally associated with other industries or industrial groups. For example, fresh meat is a major or "primary" product of meat packing plants, but many of those plants also ship products that are most commonly produced by plants in other industrial classes. The latter general category of commodities are referred to as "secondary."

Shipper group or class	Total tons (thousands)	Percent of total	
		Major commodities	Secondary commodities
Group 24	1,506	61.2	38.8
Class 242	354	61.0	39.0
Class 243	524	44.5	55.5
Class 244	564	76.2	23.8

SUMMARY OF FINDINGS

GENERAL–Manufacturing plants in the Scientific and Photographic Equipment Shipping Group shipped (beyond the local area) about 1,506,000 tons of commodities during 1967. Those shipments generated about 893 million ton-miles by all means of transport combined, averaging about 593 straight-line miles per ton shipped.

As shown in table A, shipper class 243 (Optical Surgical, Dental, Ophthalmic, etc., Instruments) and shipper class 244 (Photographic Equipment and Supplies and Watches) dominate this group, each shipping more than one-third of the total tons. The Measuring, Controlling, and Indicating Instruments Shipper Class accounts for over 20 percent of the total tons.

Motor carriers are the dominant means of transpon for the shipper group and each of the shipper classes. Their share is over 70 percent for the shipper group and ranges from 67 percent to 81 for the shipper classes.

When measured in terms of ton-miles, rather than tons, motor carriers are still dominant, but the share for rail and "all other" means of transport show an increase. Of the 893 million ton-miles for the shipper group, motor carriers account for 560 million, rails 229 million, private truck 25 million, and all other transport 79 million.

1967 DATA COMPARED WITH 1963–The 1967 survey is comparable with 1963 in most respects, except for a difference in scope. The 1967 survey represents intercity shipments (i.e., beyond the local area) of manufacturing plants with 20 or more employees. The 1963 survey represented all establishments, irrespective of size. Plants with less than 20 employees in 1963 originated about 2 percent of the total intercity shipments by manufacturers in this shipper group.

Table B presents data for the scientific and photographic equipment shipper group and shipper classes for both years. A slight increase for the shipper group is indicated in the table, from 1.4 million tons in 1963 to 1.5 million tons in 1967. An increase also occurs in the shipper class 243 (optical, surgical, dental, ophthalmic, etc., instruments).

As shown in table C, the relative distribution of tons by means of transport for the two years is stable for the shipper group, but shifts are indicated for the shipper classes. For instance, a 7 percent increase for rails in 1967 is indicated for shipper class 244 (photographic equipment and supplies); a 13 percent increase for private truck and a 13 percent decrease for motor carrier are indicated for shipper class 243 (optical, surgical, dental, ophthalmic, etc., instruments); a 22 percent increase for motor carrier with the loss about equally divided between rail and private truck for shipper class 242 (measuring, controlling, and indicating instruments).

There is a general tendency toward shorter hauls in 1967 for the shipper group and for each of the shipper classes, as shown in table D. It should be noted that the average length of haul is based solely on *intercity* (i.e., beyond local) shipments and is not affected by changes in the volume of local shipments.

Comparisons of carrier shares in 1967 and 1963 for the shipper group as a whole by broad mileage blocks, size of shipment, and size of plant, are shown in tables E and F. Comparisons of carrier shares by Census geographic divisions are shown in table G.

Table A. NUMBER OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS (thousands)					
Shipper Group 24: Instruments, photographic equipment, watches, and clocks	1,506	204	1,070	140	92
Shipper Classes:					
242. Measuring, controlling, and indicating instruments	354	14	288	16	36
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies	524	28	373	90	33
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts	564	154	376	18	16
TON-MILES OF SHIPMENTS (millions)					
Shipper Group 24: Instruments, photographic equipment, watches, and clocks	893	229	560	25	79
Shipper Classes:					
242. Measuring, controlling, and indicating instruments	219	19	163	8	29
243. Optical, surgical, dental, ophthalmic, orthopedic and prosthetic instruments, appliances, and supplies	244	41	165	10	28
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts	390	163	211	1	15

Note: Because of rounding, detail may not add to total. The sample for shipper Class 241 (Engineering, Laboratory, and Scientific Instruments) was too small to show separately, but is included in the total for the shipper group.

Table B. NUMBER OF TONS FOR EACH SHIPPER CLASS: 1967 AND 1963

(Thousands of tons)

Shipper group and class	1967	1963	
		Adjusted for comparability with 1967[1]	As reported
Shipper Group 24: Instruments, photographic equipment, watches, and clocks	1,506	1,388	1,423
Shipper Classes:			
242. Measuring, controlling, and indicating instruments.....	354	382	396
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies.....	524	315	327
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts.....	564	588	594

Note: The sample for shipper class 241 (Engineering, Laboratory, and Scientific Instruments) was too small to show separately, but is included in the total for the shipper group.

[1]Shipments by plants with less than 20 employees were elimated from the 1963 survey data.

Table C. PERCENT DISTRIBUTION OF TONS AND TON-MILES FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper group and class	Total	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS					
Shipper Group 24: Instruments, photographic equipment, watches, and clocks:					
1967	100.0	13.5	71.1	9.3	6.1
1963	100.0	13.3	69.8	8.4	8.5
Shipper Classes					
242. Measuring, controlling, and indicating instruments:					
1967	100.0	3.9	81.3	4.6	10.2
1963	100.0	13.4	59.5	16.6	10.5
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies:					
1967	100.0	5.3	71.4	17.1	6.2
1963	100.0	1.6	84.2	3.8	10.4
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts:					
1967	100.0	27.3	66.7	3.2	2.8
1963	100.0	20.0	69.2	4.3	6.5
TON-MILES					
Shipper Group 24: Instruments, photographic equipment, watches, and clocks:					
1967	100.0	25.6	62.7	2.9	8.8
1963	100.0	28.2	57.8	3.4	10.6
Shipper Classes					
242. Measuring, controlling, and indicating instruments:					
1967	100.0	8.6	74.7	3.6	13.1
1963	100.0	34.4	46.4	7.9	11.3
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies:					
1967	100.0	16.8	67.5	4.2	11.5
1963	100.0	2.6	79.6	2.4	15.4
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts:					
1967	100.0	41.7	54.0	.3	4.0
1963	100.0	35.8	56.0	.2	8.0

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. The sample for shipper class 241 (Engineering, Laboratory, and Scientific Instruments) was too small to show separately, but is included in the total for the shipper group.

Table D. AVERAGE LENGTH OF HAUL FOR EACH SHIPPER CLASS, BY MEANS OF TRANSPORT: 1967 AND 1963

(Straight-line miles)

Shipper group and class	Total	Rail	Motor carrier	Private truck
Shipper Group 24. Instruments, photographic equipment, watches, and clocks:				
1967	593	1,123	523	179
1963	713	1,513	591	292
SHIPPER CLASSES				
242. Measuring, controlling, and indicating instruments:				
1967	619	1,357	566	500
1963	821	2,113	640	394
243. Optical, surgical, dental, ophthalmic, orthopedic, and prosthetic instruments, appliances, and supplies:				
1967	466	1,464	442	111
1963	581	1,000	549	417
244. Photographic equipment and supplies; and watches, clocks, and clockwork-operated devices and parts:				
1967	691	1,058	561	56
1963	739	1,319	599	38

Note: Average length of haul is estimated by dividing total ton-miles by total tons shipped. Highway direct route and railroad short-line distances are roughly 25 percent longer than straight-line distances. 1963 data include shipments by plants with less than 20 employees, not included in 1967. The sample for shipper class 241 (Engineering, Laboratory, and Scientific Instruments) was too small to show seperately, but is included in the total for the shipper group.

Table E. PERCENT DISTRIBUTION OF DISTANCE AND WEIGHT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 24: Instruments, Photographic Equipment, Watches, and Clocks

Distance and weight	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	13.6	71.2	9.3	5.9
1963	100.0	15.5	70.3	5.8	8.4
DISTANCE (straight-line miles)					
Under 400 miles:					
1967	100.0	2.1	79.7	14.5	3.7
1963	100.0	2.6	85.7	6.6	5.1
400 miles and over:					
1967	100.0	26.7	61.8	3.4	8.1
1963	100.0	25.2	58.6	5.2	11.0
WEIGHT					
Under 1,000 pounds:					
1967	100.0	2.2	74.9	9.4	13.5
1963	100.0	2.9	76.7	2.2	18.2
1,000 to 9,999 pounds:					
1967	100.0	3.0	79.7	14.0	3.3
1963	100.0	1.8	85.7	4.7	7.8
10,000 pounds and over:					
1967	100.0	36.9	58.1	3.9	1.1
1963	100.0	32.5	56.6	9.0	1.9

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967. Only shipments represented by bills of lading and invoices are included. Summary records which did not show individual weights of shipments are not included.

Table F. PERCENT DISTRIBUTION OF SIZE OF PLANT FOR TONS OF SHIPMENTS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 24: Instruments, Photographic Equipment, Watches, and Clocks

Size of plant	Total	Rail	Motor carrier	Private truck	All other
Total:					
1967	100.0	13.5	71.1	9.3	6.1
1963	100.0	13.3	69.8	8.4	8.5
Under 20 employees:					
1967[1]	-	-	-	-	-
1963	100.0	.4	43.1	2.3	54.2
20 to 99 employees:					
1967	100.0	.8	68.0	25.7	5.5
1963	100.0	2.3	69.5	10.6	17.6
100 to 499 employees:					
1967	100.0	12.9	62.4	15.6	9.1
1963	100.0	7.1	80.9	6.4	5.6
500 employees and over:					
1967	100.0	17.3	75.2	2.3	5.2
1963	100.0	20.8	62.8	9.8	6.6

[1]Not obtained in 1967.

Table G. PERCENT DISTRIBUTION OF TONS OF SHIPMENTS FOR GEOGRAPHIC DIVISIONS, BY MEANS OF TRANSPORT: 1967 AND 1963

Shipper Group 24: Instruments, Photographic Equipment, Watches, and Clocks

Geographic division of origin	Total	Rail	Motor carrier	Private truck	All other
U.S. total:					
1967	100.0	13.5	71.1	9.3	6.1
1963	100.0	13.3	69.8	8.4	8.5
New England:					
1967	100.0	5.0	70.5	19.6	4.9
1963	100.0	4.2	75.2	3.6	17.0
Middle Atlantic:					
1967	100.0	26.3	63.8	5.7	4.2
1963	100.0	23.6	63.5	4.9	8.0
East North Central:					
1967	100.0	3.9	79.8	8.0	8.3
1963	100.0	4.7	70.8	15.2	9.3
South Atlantic, East South Central, and West South Central:					
1967	100.0	2.3	79.8	13.5	4.4
1963	100.0	.2	84.1	11.2	4.5

Note: 1963 data include shipments by plants with less than 20 employees, not included in 1967.

SAMPLING VARIABILITY

Estimates of sampling variability are presented with the data to facilitate interpretation and analysis. Most data are subject to high sampling variability and should be treated as an approximate rather than a precise measurement of volume.

Item	Estimated tons based on sample (thousands)	Sampling variability (percent)
SHIPPER GROUP 24: INSTRUMENTS, PHOTOGRAPHIC EQUIPMENT, WATCHES, AND CLOCKS		
Total shipments	1,506	9.2
Shipments by--		
Rail	204	22.2
Motor carrier	1,070	8.6
Private truck	140	43.4
All other	92	-
Shipments from--		
New England Division	224	25.8
Middle Atlantic Division	587	14.8
East North Central Division	386	15.6
West North Central Division	53	44.2
South Atlantic Division	109	50.0
West South Central Division	103	60.8
Pacific Division	25	20.8
Balance of United States	19	-
SHIPPER CLASS 242: MEASURING, CONTROLLING, AND INDICATING INSTRUMENTS		
Total shipments	354	10.0
Shipments by--		
Rail	14	28.0
Motor carrier	288	7.8
Private truck	16	61.4
All other	36	-
Shipments from--		
Middle Atlantic Division	56	27.4
East North Central Division	165	16.6
Pacific Division	12	15.4
Balance of United States	121	-
SHIPPER CLASS 243: OPTICAL, SURGICAL, DENTAL, OPHTHALMIC, ORTHOPEDIC, AND PROSTHETIC INSTRUMENTS, APPLIANCES, AND SUPPLIES		
Total shipments	524	21.8
Shipments by--		
Rail	28	62.4
Motor carrier	373	22.8
Private truck	90	54.4
All other	33	-
Shipments from--		
New England Division	97	59.2
Middle Atlantic Division	159	35.2
East North Central Division	121	40.4
Pacific Division	6	44.4
Balance of United States	141	-
SHIPPER CLASS 244: PHOTOGRAPHIC EQUIPMENT AND SUPPLIES; AND WATCHES, CLOCKS, AND CLOCKWORK-OPERATED DEVICES AND PARTS		
Total shipments	564	15.6
Shipments by--		
Rail	154	27.6
Motor carrier	376	15.4
Private truck	18	62.2
All other	16	-
Shipments from--		
New England Division	32	27.2
Middle Atlantic Division	371	17.0
East North Central Division	80	19.8
West South Central Division	36	65.6
Balance of United States	45	-

TABLE 1. SHIPPER GROUP 24--Percent Distribution of Distance, by Means of Transport: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	1,506	100.0	13.5	71.1	9.3	1 9	0.4	3.6	0.2
Under 50 miles	205	100.0	-	57.4	39.9	.9	.3	1.5	-
50 to 99 miles	81	100.0	8.0	79.9	7.8	.6	-	3.7	-
100 to 199 miles	125	100.0	.2	85.0	10.1	.3	-	4.3	.1
200 to 299 miles	265	100.0	2.3	90.1	4.1	1.3	.3	1.9	-
300 to 399 miles	118	100.0	3.2	87.9	3.4	1.6	.1	3.8	-
400 to 499 miles	84	100.0	.3	83.1	5.3	.6	4.7	6.0	-
500 to 599 miles	134	100.0	50.6	39.5	6.6	.6	-	2.7	-
600 to 799 miles	151	100.0	14.2	75.0	4.5	2.0	-	4.3	-
800 to 999 miles	68	100.0	16.3	74.8	1.0	2.7	-	5.2	-
1,000 to 1,199 miles	39	100.0	9.2	67.8	-	16.4	-	6.6	-
1,200 to 1,499 miles	52	100.0	39.2	47.9	3.3	3.6	-	6.0	-
1,500 to 1,999 miles	96	100.0	20.6	68.8	1.5	2.3	.1	4.4	2.3
2,000 miles and over	88	100.0	49.0	40.1	.1	5.3	.6	4.8	.1
TON-MILES	(millions of ton-miles)								
Total	893	100.0	25.6	62.7	2.9	3.4	.5	4.5	.4
Under 50 miles	6	100.0	-	54.0	43.4	.9	.3	1.4	-
50 to 99 miles	6	100.0	7.8	81.4	6.1	.6	-	4.1	-
100 to 199 miles	19	100.0	.2	86.1	9.1	.3	-	4.2	.1
200 to 299 miles	66	100.0	2.2	90.1	4.1	1.3	.4	1.9	-
300 to 399 miles	40	100.0	3.1	87.9	3.4	1.6	.1	3.9	-
400 to 499 miles	38	100.0	.3	83.1	5.0	.6	5.0	6.0	-
500 to 599 miles	72	100.0	49.9	40.1	6.5	.6	-	2.8	.1
600 to 799 miles	103	100.0	15.0	74.5	4.2	2.0	-	4.3	-
800 to 999 miles	61	100.0	16.6	74.4	1.1	2.7	-	5.2	-
1,000 to 1,199 miles	43	100.0	9.0	67.8	-	16.7	-	6.5	-
1,200 to 1,499 miles	67	100.0	38.6	48.2	3.4	3.6	-	6.2	-
1,500 to 1,999 miles	166	100.0	20.3	69.1	1.6	2.3	.1	4.5	2.1
2,000 miles and over	206	100.0	48.7	39.9	.1	5.5	1.0	4.7	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER GROUP 24--Percent Distribution of Weight, by Means of Transport: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	1,495	100.0	13.6	71.2	9.3	5.9
Under 1,000 pounds	474	100.0	2.2	74.9	9.4	13.5
Under 50 pounds	49	100.0	2.6	31.6	5.8	60.0
50 to 99 pounds	43	100.0	2.5	62.8	4.5	30.2
100 to 199 pounds	71	100.0	2.9	78.2	10.1	8.8
200 to 499 pounds	175	100.0	2.2	79.7	12.5	5.6
500 to 999 pounds	136	100.0	1.7	86.3	7.9	4.1
1,000 to 9,999 pounds	540	100.0	3.0	79.7	14.0	3.3
1,000 to 1,999 pounds	187	100.0	3.3	80.2	13.1	3.4
2,000 to 2,999 pounds	112	100.0	4.2	85.2	7.7	2.9
3,000 to 3,999 pounds	73	100.0	3.9	74.4	19.8	1.9
4,000 to 4,999 pounds	50	100.0	1.5	81.4	16.7	.4
5,000 to 9,999 pounds	118	100.0	1.4	76.7	16.8	5.1
10,000 to 29,999 pounds	187	100.0	11.0	81.5	7.4	.1
10,000 to 19,999 pounds	117	100.0	3.8	86.5	9.5	.2
20,000 to 29,999 pounds	70	100.0	23.0	73.0	4.0	-
30,000 to 59,999 pounds	164	100.0	29.6	67.2	2.4	.8
30,000 to 39,999 pounds	113	100.0	26.7	71.1	1.0	1.2
40,000 to 49,999 pounds	45	100.0	30.2	63.6	6.2	-
50,000 to 59,999 pounds	6	100.0	86.0	14.0	-	-
60,000 to 89,999 pounds	105	100.0	83.4	16.0	.6	-
60,000 to 69,999 pounds	17	100.0	76.2	19.9	3.9	-
70,000 to 79,999 pounds	74	100.0	100.0	-	-	-
80,000 to 89,999 pounds	14	100.0	5.7	94.3	-	-
90,000 pounds and over	25	100.0	82.6	1.5	-	15.9
TON-MILES	(millions of ton-miles)					
Total	882	100.0	26.0	62.7	2.9	8.4
Under 1,000 pounds	265	100.0	6.1	72.2	2.5	19.2
Under 50 pounds	34	100.0	4.6	27.3	.3	67.8
50 to 99 pounds	28	100.0	5.4	62.4	.3	31.9
100 to 199 pounds	39	100.0	6.8	78.4	1.3	13.5
200 to 499 pounds	92	100.0	7.2	78.5	4.8	9.5
500 to 999 pounds	72	100.0	5.2	85.7	2.2	6.9
1,000 to 9,999 pounds	298	100.0	8.1	81.1	4.1	6.7
1,000 to 1,999 pounds	92	100.0	11.9	72.7	5.1	10.3
2,000 to 2,999 pounds	64	100.0	10.8	83.5	1.6	4.1
3,000 to 3,999 pounds	46	100.0	7.2	87.3	3.2	2.3
4,000 to 4,999 pounds	20	100.0	6.9	89.6	2.3	1.2
5,000 to 9,999 pounds	76	100.0	2.0	82.9	6.0	9.1
10,000 to 29,999 pounds	94	100.0	28.8	65.5	5.4	.3
10,000 to 19,999 pounds	53	100.0	10.5	80.5	8.4	.6
20,000 to 29,999 pounds	41	100.0	52.9	45.6	1.5	-
30,000 to 59,999 pounds	105	100.0	51.4	47.0	1.4	.2
30,000 to 39,999 pounds	76	100.0	49.9	49.6	.3	.2
40,000 to 49,999 pounds	21	100.0	42.8	51.1	6.1	-
50,000 to 59,999 pounds	8	100.0	90.5	9.5	-	-
60,000 to 89,999 pounds	107	100.0	90.5	9.5	-	-
60,000 to 69,999 pounds	27	100.0	93.0	6.9	.1	-
70,000 to 79,999 pounds	70	100.0	100.0	-	-	-
80,000 to 89,999 pounds	10	100.0	12.8	87.2	-	-
90,000 pounds and over	13	100.0	84.3	.7	-	15.0

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER GROUP 24--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	1,495	100.0	[illegible]	[illegible]	[illegible]	[illegible]
Under 200 miles	410	100.0	1.7	[illegible]	24.[illegible]	[illegible]
Under 1,000 pounds	148	100.0	.2	[illegible]	25.6	[illegible]
1,000 to 9,999 pounds	184	100.0	-	[illegible]	[illegible]	[illegible]
10,000 to 29,999 pounds	48	100.0	-	[illegible]	7.2	-
30,000 to 59,999 pounds	29	100.0	22.3	70.3	[illegible]	4.[illegible]
60,000 pounds and over	1	100.0	-	-	[illegible]	-
200 to 399 miles	382	100.0	2.6	89.6	3.9	3.9
Under 1,000 pounds	121	100.0	.4	[illegible]	[illegible]	[illegible]
1,000 to 9,999 pounds	135	100.0	1.7	[illegible]	5.3	2.0
10,000 to 29,999 pounds	57	100.0	2.0	90.6	7.4	-
30,000 to 59,999 pounds	66	100.0	7.6	[illegible]	[illegible]	-
60,000 to 89,999 pounds	2	100.0	23.4	[illegible]	-	-
90,000 pounds and over	1	100.0	59.8	40.2	-	-
400 to 599 miles	216	100.0	31.3	56.6	[illegible]	[illegible]
Under 1,000 pounds	49	100.0	1.2	[illegible]	2.9	[illegible]
1,000 to 9,999 pounds	48	100.0	.1	[illegible]	[illegible]	[illegible]
10,000 to 29,999 pounds	33	100.0	6.5	[illegible]	5.6	-
30,000 to 59,999 pounds	22	100.0	23.3	66.3	[illegible]	-
60,000 to 89,999 pounds	40	100.0	100.0	-	-	-
90,000 pounds and over	24	100.0	[illegible]	-	-	[illegible]
600 to 999 miles	218	100.0	15.0	[illegible]	3.4	[illegible]
Under 1,000 pounds	76	100.0	2.5	[illegible]	.7	[illegible]
1,000 to 9,999 pounds	76	100.0	3.6	[illegible]	7.6	[illegible]
10,000 to 29,999 pounds	25	100.0	30.0	[illegible]	4.3	-
30,000 to 59,999 pounds	13	100.0	[illegible]	[illegible]	-	-
60,000 pounds and over	28	100.0	[illegible]	[illegible]	-	-
1,000 miles and over	269	100.0	32.2	55.4	[illegible]	[illegible]
Under 1,000 pounds	79	100.0	9.1	65.6	[illegible]	23.3
1,000 to 9,999 pounds	98	100.0	[illegible]	[illegible]	[illegible]	[illegible]
10,000 to 29,999 pounds	24	100.0	[illegible]	[illegible]	-	[illegible]
30,000 to 59,999 pounds	33	100.0	71.8	[illegible]	-	-
60,000 pounds and over	35	100.0	100.0	-	-	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	882	100.0	26.0	[illegible]	2.9	[illegible]
Under 200 miles	31	100.0	1.6	[illegible]	[illegible]	[illegible]
Under 1,000 pounds	12	100.0	.3	[illegible]	[illegible]	[illegible]
1,000 to 9,999 pounds	12	100.0	-	[illegible]	[illegible]	[illegible]
10,000 to 29,999 pounds	3	100.0	-	[illegible]	[illegible]	-
30,000 to 59,999 pounds	4	100.0	[illegible]	[illegible]	[illegible]	[illegible]
60,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	106	100.0	2.6	[illegible]	[illegible]	[illegible]
Under 1,000 pounds	35	100.0	.3	[illegible]	[illegible]	[illegible]
1,000 to 9,999 pounds	38	100.0	1.6	[illegible]	[illegible]	[illegible]
10,000 to 29,999 pounds	15	100.0	2.7	[illegible]	[illegible]	-
30,000 to 59,999 pounds	18	100.0	[illegible]	[illegible]	[illegible]	-
60,000 to 89,999 pounds	-	-	-	-	-	-
90,000 pounds and over	-	-	-	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER GROUP 24--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Instruments, Photographic Equipment, Watches, and Clocks

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	110	100.0	33.0	55.1	6.0	5.9
Under 1,000 pounds	25	100.0	1.3	78.6	2.9	17.2
1,000 to 9,999 pounds	23	100.0	.1	89.6	8.4	1.9
10,000 to 29,999 pounds	16	100.0	7.0	76.7	16.3	-
30,000 to 59,999 pounds	12	100.0	23.2	66.1	10.7	-
60,000 to 89,999 pounds	22	100.0	100.0	-	-	-
90,000 pounds and over	12	100.0	84.7	-	-	15.3
600 to 999 miles	163	100.0	15.7	74.6	3.1	6.6
Under 1,000 pounds	58	100.0	2.5	79.5	.7	17.3
1,000 to 9,999 pounds	57	100.0	3.7	88.6	6.5	1.2
10,000 to 29,999 pounds	18	100.0	32.1	63.2	4.7	-
30,000 to 59,999 pounds	11	100.0	68.3	31.7	-	-
60,000 pounds and over	19	100.0	48.0	52.0	-	-
1,000 miles and over	472	100.0	34.7	53.4	1.1	10.8
Under 1,000 pounds	136	100.0	10.4	63.7	2.2	23.7
1,000 to 9,999 pounds	168	100.0	12.7	75.1	1.4	10.8
10,000 to 29,999 pounds	41	100.0	48.0	51.3	-	.7
30,000 to 59,999 pounds	61	100.0	69.1	30.9	-	-
60,000 pounds and over	66	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER GROUP 24--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,506	100.0	13.5	71.1	9.3	1.9	0.4	3.6	0.2
New England	224	100.0	5.0	70.5	19.6	2.7	-	2.2	-
Middle Atlantic	587	100.0	26.3	63.8	5.7	.9	.3	2.6	.4
East North Central	386	100.0	3.9	79.8	8.0	1.7	1.1	5.5	-
West North Central	53	100.0	33.8	56.2	-	1.1	-	8.9	-
South Atlantic	109	100.0	4.7	76.5	16.5	.7	-	1.6	-
West South Central	103	100.0	.1	82.8	11.3	3.9	-	1.9	-
Pacific[1]	25	100.0	1.5	72.3	3.0	14.9	.5	7.7	.1
Balance of United States[2]	19	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	893	100.0	25.6	62.7	2.9	3.4	.5	4.5	.4
New England	91	100.0	19.5	68.0	2.1	6.0	-	4.4	-
Middle Atlantic	357	100.0	47.4	45.0	1.7	1.5	.1	3.3	1.0
East North Central	241	100.0	6.4	80.2	4.1	2.1	1.4	5.8	-
West North Central	48	100.0	46.7	44.9	-	1.0	-	7.4	-
South Atlantic	58	100.0	5.3	79.0	12.7	1.2	-	1.8	-
West South Central	46	100.0	.4	87.6	1.1	9.4	-	1.5	-
Pacific[1]	37	100.0	1.9	69.9	.1	20.6	.5	6.9	.1
Balance of United States[2]	15	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER GROUP 24--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	1,506	1,506	175	409	320	70	144	63	142	21	162
Ton-miles.....millions..	893	893	41	119	132	40	84	36	98	27	316
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total.....	1,506	100.0	11.6	27.1	21.3	4.6	9.6	4.2	9.4	1.4	10.8
Shipments from--											
New England.....	224	100.0	42.2	28.2	6.5	3.0	8.5	3.2	3.9	.4	4.1
Middle Atlantic.....	587	100.0	6.8	38.4	21.1	1.7	10.9	4.5	5.7	.8	10.1
East North Central.....	386	100.0	4.7	18.4	35.0	10.4	6.4	4.0	5.1	1.6	14.4
West North Central.....	53	100.0	2.8	23.8	21.0	3.0	4.5	11.2	4.9	1.6	27.2
South Atlantic.....	109	100.0	17.2	26.4	18.8	3.6	23.7	2.8	2.1	2.5	2.9
West South Central.....	103	100.0	1.0	1.7	3.0	4.5	4.7	1.4	68.9	4.6	10.2
Pacific[2].....	25	100.0	3.9	18.9	20.6	4.8	7.1	5.6	9.6	2.2	27.3
Balance of U.S.[3].....	19	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total.....	893	100.0	4.6	13.3	14.8	4.5	9.4	4.0	11.0	3.0	35.4
Shipments from--											
New England.....	91	100.0	4.1	11.3	12.6	8.5	13.8	7.3	14.4	2.1	25.9
Middle Atlantic.....	357	100.0	2.7	9.3	18.3	2.6	9.1	4.3	12.4	2.3	39.0
East North Central.....	241	100.0	5.8	15.8	9.8	6.3	6.7	3.0	7.4	3.1	42.1
West North Central.....	48	100.0	3.2	24.2	8.7	1.0	4.5	3.9	3.9	1.8	48.8
South Atlantic.....	58	100.0	13.7	17.2	20.6	6.0	15.8	2.6	4.3	7.6	12.2
West South Central.....	46	100.0	3.1	4.6	4.2	3.8	11.3	1.2	31.4	6.6	33.8
Pacific[2].....	37	100.0	6.9	30.6	25.2	4.6	10.8	6.8	8.5	.9	5.7
Balance of U.S.[3].....	15	-	-	-	-	-	-	-	-	-	-

[1]Shipments to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER GROUP 24--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	1,506	100.0	13.5	71.1	9.3	1.9	0.4	3.6	[illegible]
New England, total	224	100.0	5.0	70.5	19.6	2.7	-	2.2	-
Shipments to--									
New England	95	100.0	-	54.7	45.0	-	-	.3	-
Middle Atlantic	63	100.0	1.1	90.7	2.2	2.6	-	3.4	-
East North Central	15	100.0	27.2	66.8	-	3.2	-	2.8	-
West North Central	7	100.0	1.2	83.4	-	11.9	-	3.5	-
South Atlantic	19	100.0	1.3	86.0	-	10.8	-	1.9	-
West South Central	9	100.0	23.9	62.6	-	2.1	-	11.4	-
Pacific	9	100.0	42.4	48.9	-	4.5	-	4.2	-
Middle Atlantic, total	587	100.0	26.3	63.8	5.7	.9	.3	2.6	.4
Shipments to--									
New England	40	100.0	.5	96.0	.2	.4	-	2.9	-
Middle Atlantic	225	100.0	3.3	81.2	12.6	.6	.7	1.6	-
East North Central	124	100.0	38.2	57.7	1.0	.7	-	2.4	-
West North Central	10	100.0	7.7	74.1	.1	2.6	-	15.5	-
South Atlantic	64	100.0	23.7	69.6	2.8	.9	-	3.0	-
East South Central	27	100.0	85.3	9.9	1.6	.6	-	2.5	.1
West South Central	33	100.0	60.2	22.0	5.1	2.2	-	3.9	6.6
Pacific	59	100.0	65.7	29.2	.2	1.9	.1	2.8	.1
East North Central, total	386	100.0	3.9	79.8	8.0	1.7	1.1	5.5	-
Shipments to--									
New England	18	100.0	2.2	89.7	3.2	1.5	-	3.4	-
Middle Atlantic	71	100.0	5.3	73.4	7.8	2.5	5.6	5.4	-
East North Central	135	100.0	1.4	79.0	13.3	1.4	-	4.8	.1
West North Central	40	100.0	.5	83.4	10.7	.6	-	4.8	-
South Atlantic	25	100.0	2.8	83.6	-	2.1	-	11.2	.3
East South Central	15	100.0	.8	92.5	3.1	.8	-	2.8	-
West South Central	20	100.0	13.6	75.6	2.4	1.0	-	7.4	-
Pacific	55	100.0	7.9	81.6	2.5	1.8	.8	5.4	-
South Atlantic, total	109	100.0	4.7	76.5	16.5	.7	-	1.6	-
Shipments to--									
Middle Atlantic	29	100.0	5.6	78.1	12.6	1.6	-	2.1	-
East North Central	20	100.0	6.0	61.8	30.9	.7	-	.6	-
South Atlantic	26	100.0	.2	84.0	14.3	-	-	1.5	-
TON-MILES	(millions of ton-miles)								
U.S. total	893	100.0	25.6	62.7	2.9	3.4	.5	4.5	.4
New England, total	91	100.0	19.5	68.0	2.1	6.0	-	4.4	-
Shipments to--									
New England	4	100.0	-	53.6	45.7	.2	-	.5	-
Middle Atlantic	10	100.0	1.9	91.8	1.7	1.0	-	3.6	-
East North Central	11	100.0	32.1	62.6	-	2.6	-	2.7	-
West North Central	8	100.0	1.2	82.8	-	12.3	-	3.7	-
South Atlantic	13	100.0	1.7	78.3	-	18.0	-	2.0	-
West South Central	13	100.0	24.7	62.1	-	2.1		11.1	-
Pacific	24	100.0	42.9	48.5	-	4.4	.1	4.1	-

See footnote at end of table.

TABLE 6. SHIPPER GROUP 24--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967--Continued

Instruments, Photographic Equipment, Watches, and Clocks

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TON-MILES--Continued	(millions of ton-miles)								
Middle Atlantic, total	357	100.0	47.4	45.0	1.7	1.5	0.1	3.3	1.0
Shipments to--									
New England	10	100.0	.6	96.3	.1	.3	-	2.7	-
Middle Atlantic	33	100.0	2.0	88.5	6.4	.7	.8	1.6	-
East North Central	66	100.0	38.8	57.5	.6	.6	-	2.5	-
West North Central	9	100.0	6.6	74.0	.2	2.9	-	16.3	-
South Atlantic	33	100.0	33.6	60.4	1.5	1.4	-	3.1	-
East South Central	15	100.0	81.8	12.7	1.4	.7	-	3.3	.1
West South Central	44	100.0	57.9	22.8	5.2	2.3	-	4.0	7.8
Pacific	139	100.0	64.9	29.8	.2	1.9	.2	2.9	.1
East North Central, total	241	100.0	6.4	80.2	4.1	2.1	1.4	5.8	-
Shipments to--									
New England	14	100.0	2.4	89.5	3.3	1.5	-	3.3	-
Middle Atlantic	38	100.0	7.1	69.8	9.1	3.2	5.0	5.7	.1
East North Central	24	100.0	1.8	85.4	6.5	1.8	-	4.4	.1
West North Central	15	100.0	.7	84.6	8.9	.7	-	5.1	-
South Atlantic	16	100.0	3.3	84.6	-	2.5	-	9.4	.2
East South Central	7	100.0	1.0	92.7	2.7	.9	-	2.7	-
West South Central	18	100.0	15.7	74.4	1.9	1.0	-	7.0	-
Pacific	102	100.0	7.5	80.7	2.6	2.0	1.5	5.7	-
South Atlantic, total	58	100.0	5.3	79.0	12.7	1.2	-	1.8	-
Shipments to--									
Middle Atlantic	10	100.0	5.2	79.0	10.0	2.5	-	3.3	-
East North Central	12	100.0	3.6	68.0	27.2	.6	-	.6	-
South Atlantic	9	100.0	.2	92.9	6.0	-	-	.9	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER GROUP 24--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	1,506	252	351	903	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	893	138	237	518
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	13.5	.8	12.9	17.3	25.6	3.2	24.5	32.1
Motor carrier.....	71.1	68.0	62.4	75.2	62.7	87.3	59.2	57.7
Private truck.....	9.3	25.7	15.6	2.3	2.9	1.8	5.3	2.0
Air.....	1.9	1.1	2.3	2.0	3.4	2.6	3.9	3.5
Water.....	.4	.5	1.3	.1	.5	.9	1.0	.2
Other.....	3.6	3.9	5.4	2.8	4.5	4.1	6.1	3.8
Unknown.....	.2	-	.1	.3	.4	.1	-	.7
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	19.0	39.9	21.9	12.2	1.3	2.9	1.2	1.0
100 to 199 miles.....	8.3	4.2	8.2	9.5	2.2	1.2	1.8	2.6
200 to 299 miles.....	17.6	12.4	12.1	21.2	7.4	5.9	4.4	9.1
300 to 399 miles.....	7.8	4.0	5.7	9.7	4.5	2.5	2.9	5.8
400 to 499 miles.....	5.6	6.6	6.3	4.9	4.2	5.5	4.2	3.9
500 to 999 miles.....	23.5	12.4	21.8	27.2	26.4	17.2	23.2	30.3
1,000 miles and over.....	18.2	20.5	24.0	15.3	54.0	64.8	62.3	47.3

Table 8. SHIPPER GROUP 24--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Instruments, Photographic Equipment, Watches, and Clocks

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	12.7	1.4	23.5	49.2
Highway facilities	94.4	93.6	95.8	94.4
Rail and highway facilities	12.4	1.4	23.5	44.3
Air facilities	79.7	82.1	73.7	88.8
Rail, highway, and air facilities	9.1	1.4	16.0	35.9
Water facilities	9.6	5.7	15.3	13.2
Rail, highway, air, and water facilities	2.1	-	5.2	4.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 5.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 242--Percent Distribution of Distance, by Means of Transport: 1967

Measuring, Controlling, and Indicating Instruments

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	354	100.0	3.9	81.3	4.6	2.2	1.1	6.8	0.1
Under 50 miles	41	100.0	-	96.3	1.6	.4	-	1.7	-
50 to 99 miles	12	100.0	.5	83.1	7.9	.3	-	8.2	-
100 to 199 miles	47	100.0	.3	86.5	5.5	.6	-	6.9	.2
200 to 299 miles	42	100.0	4.0	82.2	4.9	4.5	-	4.4	-
300 to 399 miles	39	100.0	.1	90.0	2.6	.7	-	6.6	-
400 to 499 miles	29	100.0	.3	70.3	9.0	1.0	13.3	6.1	-
500 to 599 miles	12	100.0	1.4	73.3	3.6	3.8	-	17.4	.5
600 to 799 miles	43	100.0	7.9	72.6	10.4	2.1	-	6.9	.1
800 to 999 miles	23	100.0	2.2	89.3	-	1.9	-	6.6	-
1,000 to 1,199 miles	11	100.0	6.0	83.4	-	2.3	-	8.3	-
1,200 to 1,499 miles	9	100.0	1.3	80.9	-	3.7	-	13.9	.2
1,500 to 1,999 miles	26	100.0	11.8	71.5	5.3	2.4	-	8.9	.1
2,000 miles and over	20	100.0	19.1	61.2	-	9.0	.1	10.5	.1
TON-MILES	(millions of ton-miles)								
Total	219	100.0	8.6	74.7	3.6	3.6	.9	8.5	.1
Under 50 miles	1	100.0	-	96.5	1.3	.3	-	1.9	-
50 to 99 miles	1	100.0	.4	83.9	7.0	.3	-	8.4	-
100 to 199 miles	8	100.0	.3	87.3	5.2	.7	-	6.3	.2
200 to 299 miles	10	100.0	3.5	83.2	4.7	4.3	-	4.3	-
300 to 399 miles	14	100.0	.1	90.0	2.5	.7	-	6.7	-
400 to 499 miles	13	100.0	.3	69.9	8.4	1.0	14.2	6.2	-
500 to 599 miles	6	100.0	1.5	73.0	3.6	3.8	-	17.5	.6
600 to 799 miles	30	100.0	7.9	73.7	9.3	2.1	-	6.9	.1
800 to 999 miles	21	100.0	2.1	89.6	-	1.8	-	6.5	-
1,000 to 1,199 miles	12	100.0	5.7	84.0	-	2.3	-	8.0	-
1,200 to 1,499 miles	11	100.0	1.3	80.7	-	3.9	-	13.9	.2
1,500 to 1,999 miles	46	100.0	11.2	71.4	5.7	2.5	-	9.1	.1
2,000 miles and over	46	100.0	20.7	60.0	-	9.0	.1	10.1	.1

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 242--Percent Distribution of Weight, by Means of Transport: 1967

Measuring, Controlling, and Indicating Instruments

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total	354	100.0	3.9	81.3	4.6	10.2
Under 1,000 pounds	133	100.0	3.8	72.8	4.6	18.8
Under 50 pounds	14	100.0	3.3	38.5	.2	58.0
50 to 99 pounds	18	100.0	3.4	54.4	.6	41.6
100 to 199 pounds	21	100.0	6.3	81.8	.9	11.0
200 to 499 pounds	50	100.0	2.9	76.2	10.5	10.4
500 to 999 pounds	30	100.0	4.0	87.8	1.9	6.3
1,000 to 9,999 pounds	149	100.0	3.8	86.3	6.0	3.9
1,000 to 1,999 pounds	42	100.0	4.4	86.5	3.0	6.1
2,000 to 2,999 pounds	30	100.0	6.2	90.2	.7	2.9
3,000 to 3,999 pounds	35	100.0	2.7	89.2	5.7	2.4
4,000 to 4,999 pounds	9	100.0	1.1	98.9	-	-
5,000 to 9,999 pounds	33	100.0	2.7	75.9	16.8	4.6
10,000 to 29,999 pounds	49	100.0	2.9	94.7	2.4	-
10,000 to 19,999 pounds	30	100.0	-	100.0	-	-
20,000 to 29,999 pounds	19	100.0	7.5	86.4	6.1	-
30,000 to 59,999 pounds	19	100.0	8.1	85.0	-	6.9
30,000 to 49,999 pounds	18	100.0	8.5	84.3	-	7.2
50,000 to 59,999 pounds	1	100.0	-	100.0	-	-
60,000 to 89,999 pounds	-	-	-	-	-	-
90,000 pounds and over	4	100.0	-	-	-	100.0
	(millions of ton-miles)					
TON-MILES						
Total	219	100.0	8.6	74.7	3.6	13.1
Under 1,000 pounds	97	100.0	6.6	69.1	3.7	20.6
Under 50 pounds	12	100.0	4.6	37.2	.1	58.1
50 to 99 pounds	13	100.0	4.5	57.0	.2	38.3
100 to 199 pounds	16	100.0	8.5	78.1	.5	12.9
200 to 499 pounds	34	100.0	5.9	70.8	9.6	13.7
500 to 999 pounds	22	100.0	8.6	83.6	1.0	6.8
1,000 to 9,999 pounds	101	100.0	7.1	82.1	4.1	6.7
1,000 to 1,999 pounds	28	100.0	14.1	70.6	.7	14.6
2,000 to 2,999 pounds	20	100.0	8.9	88.6	.4	2.1
3,000 to 3,999 pounds	29	100.0	1.7	95.3	2.3	.7
4,000 to 4,999 pounds	7	100.0	3.3	96.7	-	-
5,000 to 9,999 pounds	17	100.0	3.8	64.8	19.1	12.3
10,000 to 29,999 pounds	10	100.0	12.8	84.6	2.6	-
10,000 to 19,999 pounds	6	100.0	-	100.0	-	-
20,000 to 29,999 pounds	4	100.0	34.2	58.8	7.0	-
30,000 to 59,999 pounds	9	100.0	42.6	55.4	-	2.0
30,000 to 49,999 pounds	8	100.0	48.7	49.0	-	2.3
50,000 to 59,999 pounds	1	100.0	-	100.0	-	-
60,000 to 89,999 pounds	-	-	-	-	-	-
90,000 pounds and over	2	100.0	-	-	-	100.0

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 242--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Measuring, Controlling, and Indicating Instruments

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	354	100.0	3.9	81.3	4.6	10.2
Under 200 miles	100	100.0	.2	90.1	4.2	5.5
Under 1,000 pounds	26	100.0	.7	70.2	13.0	16.1
1,000 to 9,999 pounds	29	100.0	-	96.9	3.0	.1
10,000 to 29,999 pounds	31	100.0	-	100.0	-	-
30,000 pounds and over	14	100.0	-	90.9	-	9.1
200 to 399 miles	80	100.0	2.1	85.9	3.8	8.2
Under 1,000 pounds	29	100.0	.9	81.6	1.3	16.2
1,000 to 9,999 pounds	40	100.0	3.5	88.1	3.7	4.7
10,000 pounds and over	11	100.0	-	89.3	10.7	-
400 to 599 miles	41	100.0	.6	71.1	7.5	20.8
Under 1,000 pounds	18	100.0	1.4	71.8	5.3	21.5
1,000 to 9,999 pounds	15	100.0	-	81.5	13.9	4.6
10,000 to 89,999 pounds	4	100.0	-	100.0	-	-
90,000 pounds and over	4	100.0	-	-	-	100.0
600 to 999 miles	67	100.0	5.9	78.5	6.7	8.9
Under 1,000 pounds	29	100.0	5.3	76.6	-	18.1
1,000 to 9,999 pounds	34	100.0	3.4	81.0	13.3	2.3
10,000 to 29,999 pounds	2	100.0	53.8	46.2	-	-
30,000 pounds and over	2	100.0	-	100.0	-	-
1,000 miles and over	66	100.0	11.6	71.8	2.1	14.5
Under 1,000 pounds	32	100.0	8.8	64.4	4.4	22.4
1,000 to 9,999 pounds	31	100.0	10.0	82.3	-	7.7
10,000 to 29,999 pounds	-	-	-	-	-	-
30,000 pounds and over	3	100.0	57.9	42.1	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	219	100.0	8.6	74.7	3.6	13.1
Under 200 miles	10	100.0	.2	88.2	4.9	6.7
Under 1,000 pounds	3	100.0	.8	67.4	15.6	16.2
1,000 to 9,999 pounds	3	100.0	-	98.6	1.3	.1
10,000 to 29,999 pounds	2	100.0	-	100.0	-	-
30,000 pounds and over	2	100.0	-	92.1	-	7.9
200 to 399 miles	24	100.0	1.5	87.2	3.4	7.9
Under 1,000 pounds	8	100.0	.8	82.0	1.3	15.9
1,000 to 9,999 pounds	12	100.0	2.5	88.6	3.9	5.0
10,000 pounds and over	4	100.0	-	93.1	6.9	-
400 to 599 miles	20	100.0	.7	71.0	6.8	21.5
Under 1,000 pounds	9	100.0	1.5	71.4	5.3	21.8
1,000 to 9,999 pounds	7	100.0	-	82.4	12.4	5.2
10,000 to 89,999 pounds	2	100.0	-	100.0	-	-
90,000 pounds and over	2	100.0	-	-	-	100.0
600 to 999 miles	50	100.0	5.5	80.2	5.5	8.8
Under 1,000 pounds	21	100.0	5.2	76.8	-	18.0
1,000 to 9,999 pounds	26	100.0	3.2	83.8	10.7	2.3
10,000 to 29,999 pounds	2	100.0	49.7	50.3	-	-
30,000 pounds and over	1	100.0	-	100.0	-	-
1,000 miles and over	115	100.0	13.5	69.0	2.2	15.3
Under 1,000 pounds	55	100.0	9.2	63.7	4.7	22.4
1,000 to 9,999 pounds	54	100.0	11.1	79.2	-	9.7
10,000 to 29,999 pounds	1	100.0	53.3	46.7	-	-
30,000 pounds and over	5	100.0	73.0	27.0	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 242--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Measuring, Controlling, and Indicating Instruments

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	354	100.0	3.9	81.3	4.6	2.2	1.1	6.8	0.1
Middle Atlantic	56	100.0	3.1	79.7	11.1	2.1	-	3.9	.1
East North Central	165	100.0	3.6	77.1	6.0	2.3	2.4	8.5	.1
Pacific[1]	12	100.0	2.4	76.4	.8	11.0	-	9.2	.2
Balance of United States[2]	121	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	219	100.0	8.6	74.7	3.6	3.6	.9	8.5	.1
Middle Atlantic	38	100.0	4.8	82.5	4.7	3.4	-	4.5	.1
East North Central	94	100.0	4.7	73.7	6.5	2.8	2.1	10.1	.1
Pacific[1]	20	100.0	2.7	73.7	-	13.6	-	9.7	.3
Balance of United States[2]	67	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 242--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Measuring, Controlling, and Indicating Instruments

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	354	354	40	100	86	18	33	18	23	5	31
Ton-miles.....millions..	219	219	8	42	30	10	20	13	26	7	63
	(thousands)	Percent distribution by division of destination									
TONS OF SHIPMENTS											
U.S. total	354	100.0	11.2	28.5	24.2	5.1	9.2	5.1	6.4	1.4	8.9
Shipments from--											
Middle Atlantic	56	100.0	5.0	23.9	22.3	4.5	21.1	4.3	4.0	3.4	11.5
East North Central	165	100.0	4.5	25.6	34.5	7.2	6.9	4.1	6.7	.9	9.6
Pacific[2]	12	100.0	.9	26.9	18.0	7.5	5.1	9.4	15.2	1.2	15.8
Balance of U.S[3]	121	-	-	-	-	-	-	-	-	-	-
	(millions)										
TON-MILES											
U.S. total	219	100.0	3.6	19.3	13.5	4.8	9.1	6.1	12.0	3.1	28.5
Shipments from--											
Middle Atlantic	38	100.0	1.8	6.1	16.4	5.7	10.1	4.0	7.7	3.1	40.1
East North Central	94	100.0	5.7	21.4	12.1	5.3	7.8	3.4	10.8	2.1	31.4
Pacific[2]	20	100.0	1.3	38.7	19.9	6.4	6.6	10.2	12.0	.4	4.5
Balance of U.S.[3]	67	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 242--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Measuring, Controlling, and Indicating Instruments

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	354	100.0	3.9	81.3	4.6	2.2	1.1	6.8	0.1
Middle Atlantic, total	56	100.0	3.1	79.7	11.1	2.1	-	3.9	.1
Shipments to--									
Middle Atlantic	13	100.0	-	73.2	21.0	1.1	-	4.6	.1
East North Central	12	100.0	.2	85.6	9.8	2.1	-	2.3	-
East North Central, total	165	100.0	3.6	77.1	6.0	2.3	2.4	8.5	.1
Shipments to--									
Middle Atlantic	42	100.0	4.2	67.5	11.2	1.2	9.3	6.5	.1
East North Central	57	100.0	3.1	81.4	5.5	3.1	-	6.8	.1
South Atlantic	11	100.0	4.8	70.3	-	3.9	-	20.4	.6
Pacific	16	100.0	6.2	67.4	8.9	3.9	.1	13.5	-
TON-MILES	(millions of ton-miles)								
U.S. total	219	100.0	8.6	74.7	3.6	3.6	.9	8.5	.1
Middle Atlantic, total	38	100.0	4.8	82.5	4.7	3.4	-	4.5	.1
Shipments to--									
Middle Atlantic	2	100.0	-	63.5	32.0	.3	-	4.1	.1
East North Central	6	100.0	.2	89.7	6.3	1.7	-	2.1	-
East North Central, total	94	100.0	4.7	73.7	6.5	2.8	2.1	10.1	.1
Shipments to--									
Middle Atlantic	20	100.0	6.3	60.3	14.5	1.5	9.4	7.9	.1
East North Central	11	100.0	3.2	84.1	3.7	3.5	-	5.4	.1
South Atlantic	7	100.0	6.0	73.0	-	4.6	-	15.9	.5
Pacific	30	100.0	5.8	67.3	8.7	4.2	.2	13.8	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 242--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Measuring, Controlling, and Indicating Instruments

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	354	29	47	278	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	219	26	40	153
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	3.9	-	10.4	3.2	8.6	-	20.4	6.9
Motor carrier.....	81.3	90.1	58.8	84.3	74.7	93.4	58.9	75.7
Private truck.....	4.6	1.0	9.0	4.2	3.6	-	3.4	4.3
Air.....	2.2	1.0	3.6	2.0	3.6	1.2	4.3	3.9
Water.....	1.1	-	8.3	-	.9	.2	4.7	-
Other.....	6.8	7.9	9.5	6.3	8.5	5.2	8.0	9.2
Unknown.....	.1	-	.4	-	.1	-	.3	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	15.1	7.2	5.7	17.5	.9	.3	.3	1.1
100 to 199 miles.....	13.3	2.3	5.9	15.7	3.4	.4	1.0	4.6
200 to 299 miles.....	11.7	27.3	11.6	10.1	4.7	8.7	3.3	4.4
300 to 399 miles.....	11.0	2.9	5.9	12.7	6.3	1.2	2.4	8.2
400 to 499 miles.....	8.3	2.5	18.5	7.2	6.1	1.3	9.8	5.9
500 to 999 miles.....	22.1	30.1	23.4	21.0	26.0	27.8	19.4	27.4
1,000 miles and over.....	18.5	27.7	29.0	15.8	52.6	60.3	63.8	48.4

Table 8. SHIPPER CLASS 242--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Measuring, Controlling, and Indicating Instruments

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	3.2	-	-	31.0
Highway facilities	94.7	100.0	89.3	90.8
Rail and highway facilities	2.2	-	-	21.8
Air facilities	62.2	50.0	68.9	93.5
Rail, highway, and air facilities	2.0	-	-	19.6
Water facilities	5.5	-	10.7	11.0
Rail, highway, air, and water facilities	.2	-	-	2.2

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 8.0 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 243--Percent Distribution of Distance, by Means of Transport: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
Total	524	100.0	5.3	71.4	17.1	2.0	0.2	3.6	0.4
Under 50 miles	137	100.0	-	49.9	47.9	1.1	-	1.1	-
50 to 99 miles	38	100.0	-	83.6	11.7	1.0	-	3.7	-
100 to 199 miles	50	100.0	.1	83.8	13.0	-	-	3.0	.1
200 to 299 miles	90	100.0	3.6	87.2	5.2	.9	.9	2.2	-
300 to 399 miles	36	100.0	.5	88.8	6.1	.9	-	3.7	-
400 to 499 miles	33	100.0	-	91.5	1.1	.2	-	7.2	-
500 to 599 miles	13	100.0	.9	70.2	20.6	1.3	-	7.0	-
600 to 799 miles	30	100.0	.3	83.6	5.1	4.3	-	6.7	-
800 to 999 miles	21	100.0	17.3	71.7	.7	3.5	-	6.8	-
1,000 to 1,199 miles	8	100.0	3.7	54.7	-	28.4	-	13.2	-
1,200 to 1,499 miles	9	100.0	20.1	39.1	19.8	5.3	-	15.7	-
1,500 to 1,999 miles	45	100.0	32.5	60.5	-	1.3	-	.9	4.8
2,000 miles and over	14	100.0	26.7	48.6	-	13.4	.3	11.0	-
TON-MILES	(millions of ton-miles)								
Total	244	100.0	16.8	67.5	4.2	4.6	.2	5.3	1.4
Under 50 miles	4	100.0	-	46.9	50.9	1.2	-	1.0	-
50 to 99 miles	3	100.0	-	85.7	8.8	1.1	-	4.4	-
100 to 199 miles	7	100.0	.1	84.9	11.7	-	-	3.2	.1
200 to 299 miles	23	100.0	3.5	87.4	5.0	.9	1.0	2.2	-
300 to 399 miles	12	100.0	.5	88.7	6.0	.9	-	3.9	-
400 to 499 miles	15	100.0	-	91.6	1.1	.2	-	7.1	-
500 to 599 miles	7	100.0	.9	70.6	20.5	1.2	-	6.8	-
600 to 799 miles	21	100.0	.4	83.0	5.3	4.6	-	6.7	-
800 to 999 miles	19	100.0	17.1	71.7	.7	3.5	-	7.0	-
1,000 to 1,199 miles	9	100.0	3.8	54.1	-	29.0	-	13.1	-
1,200 to 1,499 miles	12	100.0	20.0	39.4	19.7	5.3	-	15.6	-
1,500 to 1,999 miles	78	100.0	31.9	61.6	-	1.3	-	.9	4.3
2,000 miles and over	34	100.0	26.7	48.0	-	13.9	.6	10.8	-

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 243--Percent Distribution of Weight, by Means of Transport: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	518	100.0	5.4	71.9	17.1	5.6
Under 1,000 pounds	218	100.0	1.6	72.5	15.5	10.4
Under 50 pounds	24	100.0	2.0	26.4	10.5	61.1
50 to 99 pounds	14	100.0	2.5	62.9	11.4	23.2
100 to 199 pounds	32	100.0	1.7	70.9	21.1	6.3
200 to 499 pounds	83	100.0	1.7	77.5	18.4	2.4
500 to 999 pounds	65	100.0	1.1	85.7	11.9	1.3
1,000 to 9,999 pounds	248	100.0	2.6	73.8	21.0	2.6
1,000 to 1,999 pounds	94	100.0	2.3	76.9	17.9	2.9
2,000 to 2,999 pounds	56	100.0	4.9	80.6	11.1	3.4
3,000 to 3,999 pounds	21	100.0	7.3	40.4	52.1	.2
4,000 to 4,999 pounds	23	100.0	-	65.7	34.2	.1
5,000 to 9,999 pounds	54	100.0	-	78.1	18.8	3.1
10,000 to 29,999 pounds	35	100.0	10.2	89.8	-	-
10,000 to 19,999 pounds	27	100.0	2.4	97.6	-	-
20,000 to 29,999 pounds	8	100.0	35.8	64.2	-	-
30,000 to 59,999 pounds	17	100.0	84.2	2.0	13.8	-
30,000 to 39,999 pounds	14	100.0	99.0	1.0	-	-
40,000 to 59,999 pounds	3	100.0	-	7.5	92.5	-
60,000 pounds and over	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)					
Total	240	100.0	17.1	68.6	4.2	10.1
Under 1,000 pounds	90	100.0	7.3	70.7	2.6	19.4
Under 50 pounds	15	100.0	4.8	18.0	.4	76.8
50 to 99 pounds	8	100.0	9.6	64.6	.6	25.2
100 to 199 pounds	12	100.0	8.7	76.1	2.6	12.6
200 to 499 pounds	31	100.0	8.8	82.4	3.1	5.7
500 to 999 pounds	24	100.0	5.5	87.9	3.8	2.8
1,000 to 9,999 pounds	112	100.0	9.6	78.4	5.8	6.2
1,000 to 1,999 pounds	34	100.0	9.9	68.0	12.0	10.1
2,000 to 2,999 pounds	28	100.0	17.7	73.3	2.6	6.4
3,000 to 3,999 pounds	7	100.0	34.8	53.7	10.2	1.3
4,000 to 4,999 pounds	4	100.0	-	91.6	7.6	.8
5,000 to 9,999 pounds	39	100.0	-	94.0	1.8	4.2
10,000 to 29,999 pounds	17	100.0	23.7	76.3	-	-
10,000 to 19,999 pounds	12	100.0	11.9	88.1	-	-
20,000 to 29,999 pounds	5	100.0	53.4	46.6	-	-
30,000 to 59,999 pounds	21	100.0	92.8	1.0	6.2	-
30,000 to 39,999 pounds	20	100.0	99.8	.2	-	-
40,000 to 59,999 pounds	1	100.0	-	11.7	88.3	-
60,000 pounds and over	-	-	-	-	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 243--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total[1]	518	100.0	5.4	71.9	17.1	5.6
Under 200 miles	222	100.0	-	63.4	33.8	2.8
Under 1,000 pounds	97	100.0	.1	62.8	32.0	5.1
1,000 to 9,999 pounds	119	100.0	-	61.8	37.2	1.0
10,000 pounds and over	6	100.0	-	100.0	-	-
200 to 399 miles	126	100.0	2.7	88.0	5.5	3.8
Under 1,000 pounds	58	100.0	.2	88.7	3.6	7.5
1,000 to 9,999 pounds	53	100.0	.3	89.7	9.2	.8
10,000 to 29,999 pounds	12	100.0	-	100.0	-	-
30,000 pounds and over	3	100.0	95.7	4.3	-	-
400 to 599 miles	45	100.0	.3	86.8	6.9	6.0
Under 1,000 pounds	17	100.0	.8	83.0	1.2	15.0
1,000 to 9,999 pounds	18	100.0	-	96.1	3.1	.8
10,000 to 29,999 pounds	8	100.0	-	100.0	-	-
30,000 pounds and over	2	100.0	-	-	100.0	-
600 to 999 miles	50	100.0	7.5	79.5	3.4	9.6
Under 1,000 pounds	24	100.0	.8	76.5	2.2	20.5
1,000 to 9,999 pounds	20	100.0	3.2	91.1	5.7	-
10,000 pounds and over	6	100.0	48.6	51.4	-	-
1,000 miles and over	75	100.0	27.5	56.2	2.3	14.0
Under 1,000 pounds	22	100.0	13.6	60.0	-	26.4
1,000 to 9,999 pounds	39	100.0	14.6	69.4	4.3	11.7
10,000 to 29,999 pounds	3	100.0	26.7	73.3	-	-
30,000 pounds and over	11	100.0	100.0	-	-	-
TON-MILES	(millions of ton-miles)					
Total[1]	240	100.0	17.1	68.6	4.2	10.1
Under 200 miles	14	100.0	.1	74.7	21.9	3.3
Under 1,000 pounds	7	100.0	.1	74.8	18.8	6.3
1,000 to 9,999 pounds	7	100.0	-	73.7	25.7	.6
10,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	35	100.0	2.4	88.3	5.4	3.9
Under 1,000 pounds	17	100.0	.1	89.2	3.2	7.5
1,000 to 9,999 pounds	14	100.0	.4	89.5	9.4	.7
10,000 to 29,999 pounds	3	100.0	-	100.0	-	-
30,000 pounds and over	1	100.0	94.5	5.5	-	-
400 to 599 miles	22	100.0	.3	85.9	7.7	6.1
Under 1,000 pounds	8	100.0	.9	82.9	1.2	15.0
1,000 to 9,999 pounds	9	100.0	-	95.9	3.2	.9
10,000 to 29,999 pounds	4	100.0	-	100.0	-	-
30,000 pounds and over	1	100.0	-	-	100.0	-
600 to 999 miles	39	100.0	8.5	78.3	3.2	10.0
Under 1,000 pounds	18	100.0	.9	75.8	2.1	21.2
1,000 to 9,999 pounds	16	100.0	3.8	90.7	5.5	-
10,000 pounds and over	5	100.0	51.2	48.8	-	-
1,000 miles and over	130	100.0	28.2	56.7	1.8	13.3
Under 1,000 pounds	39	100.0	15.9	57.2	-	26.9
1,000 to 9,999 pounds	67	100.0	15.2	71.2	3.4	10.2
10,000 to 29,999 pounds	5	100.0	28.0	72.0	-	-
30,000 pounds and over	19	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 243--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	524	100.0	5.3	71.4	17.1	2.0	0.2	3.6	0.4
New England	97	100.0	.1	48.5	45.6	4.7	-	1.1	-
Middle Atlantic	159	100.0	4.2	72.1	13.9	1.5	.6	6.3	1.4
East North Central	121	100.0	3.2	77.1	16.2	1.5	-	2.0	-
Pacific[1]	6	100.0	1.3	52.2	10.3	25.6	-	10.4	.2
Balance of United States[2]	141	-	-	-	-	-	-	-	-
TON-MILES	(millions of ton-miles)								
U.S. total	244	100.0	16.8	67.5	4.2	4.6	.2	5.3	1.4
New England	23	100.0	.3	71.9	8.1	15.9	-	3.8	-
Middle Atlantic	62	100.0	20.5	52.5	5.2	3.3	.7	12.3	5.5
East North Central	83	100.0	7.1	84.4	4.5	2.0	-	2.0	-
Pacific[1]	7	100.0	2.3	41.9	.6	50.2	-	5.0	-
Balance of United States[2]	69	-	-	-	-	-	-	-	-

[1]No data were obtained for shipments originating in Alaska and Hawaii.
[2]Not distributed.

TABLE 5. SHIPPER CLASS 243--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	524	524	97	139	71	25	43	17	71	9	52
Ton-miles.....millions..	244	244	19	22	20	12	24	8	34	11	94
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	524	100.0	18.5	26.5	13.5	4.8	8.2	3.2	13.5	1.8	10.0
Shipments from--											
New England	97	100.0	62.2	19.7	2.5	.5	10.0	.7	1.1	.4	2.9
Middle Atlantic	159	100.0	8.2	58.9	6.8	2.1	12.2	.9	6.4	.6	3.9
East North Central	121	100.0	6.5	7.1	39.9	13.9	1.1	4.9	2.1	1.8	22.7
Pacific[2]	6	100.0	5.9	11.6	10.5	2.3	9.2	2.2	2.8	2.2	53.3
Balance of U.S.[3]	141	-	-	-	-	-	-	-	-	-	-
TON-MILES	(millions)										
U.S. total	244	100.0	7.8	9.0	8.3	4.8	9.7	3.2	14.0	4.6	38.6
Shipments from--											
New England	23	100.0	11.2	9.9	7.1	2.5	24.9	2.8	6.8	3.6	31.2
Middle Atlantic	62	100.0	4.3	11.7	10.6	5.0	16.4	1.9	23.2	2.7	24.2
East North Central	83	100.0	7.6	5.9	9.2	7.2	1.0	3.3	2.6	3.1	60.1
Pacific[2]	7	100.0	14.6	26.3	18.0	3.2	20.2	3.8	3.9	1.6	8.4
Balance of U.S.[3]	69	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]No data were obtained for shipments originating in Alaska and Hawaii.
[3]Not distributed.

TABLE 6. SHIPPER CLASS 243--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
TONS OF SHIPMENTS	(thousands of tons)								
U.S. total	524	100.0	5.3	71.4	17.1	2.0	0.2	3.6	0.4
New England, total	97	100.0	.1	48.5	45.6	4.7	-	1.1	-
Shipments to--									
Middle Atlantic	19	100.0	.4	82.3	7.4	8.1	-	1.7	.1
Middle Atlantic, total	159	100.0	4.2	72.1	13.9	1.5	.6	6.3	1.4
Shipments to--									
Middle Atlantic	94	100.0	-	73.5	21.9	1.2	1.0	2.4	-
East North Central	11	100.0	1.6	77.0	-	1.3	-	20.1	-
South Atlantic	19	100.0	.7	92.6	-	1.5	-	5.2	-
West South Central	10	100.0	16.5	35.0	16.6	2.8	-	7.7	21.4
Pacific	6	100.0	62.3	14.2	-	6.2	.6	16.7	-
East North Central, total	121	100.0	3.2	77.1	16.2	1.5	-	2.0	-
Shipments to--									
East North Central	48	100.0	.1	69.6	28.2	.1	-	2.0	-
TON-MILES	(millions of ton-miles)								
U.S. total	244	100.0	16.8	67.5	4.2	4.6	.2	5.3	1.4
New England, total	23	100.0	.3	71.9	8.1	15.9	-	3.8	-
Shipments to--									
Middle Atlantic	2	100.0	.3	85.0	7.5	3.6	-	3.5	.1
Middle Atlantic, total	62	100.0	20.5	52.5	5.2	3.3	.7	12.3	5.5
Shipments to--									
Middle Atlantic	7	100.0	-	76.4	12.9	2.7	3.2	4.8	-
East North Central	7	100.0	1.6	79.2	-	1.1	-	18.1	-
South Atlantic	10	100.0	1.2	91.2	-	2.7	-	4.9	-
West South Central	14	100.0	15.6	35.4	15.7	2.6	-	7.2	23.5
Pacific	15	100.0	60.9	15.0	-	6.3	1.2	16.6	-
East North Central, total	83	100.0	7.1	84.4	4.5	2.0	-	2.0	-
Shipments to--									
East North Central	8	100.0	.1	83.5	14.1	.1	-	2.2	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 243--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Means of transport and distance of shipment	TONS OF SHIPMENTS			TON-MILES		
	All plants	Plants with--		All plants	Plants with--	
		20 to 99 employees	100 employees and over		20 to 99 employees	100 employees and over
Tons shipped..... thousands..	524	158	366	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	244	67	177
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment					
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	5.3	.1	7.6	16.8	.1	23.1
Motor carrier.....	71.4	61.1	75.8	67.5	87.8	59.9
Private truck.....	17.1	33.3	10.1	4.2	3.1	4.6
Air.....	2.0	1.4	2.3	4.6	4.2	4.7
Water.....	.2	.3	.1	.2	.2	.2
Other.....	3.6	3.8	3.5	5.3	4.6	5.6
Unknown.....	.4	-	.6	1.4	-	1.9
DISTANCE OF SHIPMENT						
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	33.2	47.4	27.1	2.8	4.4	2.1
100 to 199 miles.....	9.4	5.0	11.3	3.0	1.9	3.4
200 to 299 miles.....	17.2	11.4	19.7	9.3	6.8	10.2
300 to 399 miles.....	6.9	4.4	8.0	5.1	3.5	5.7
400 to 499 miles.....	6.3	8.7	5.3	6.1	9.2	5.0
500 to 999 miles.....	12.4	8.4	14.1	19.3	15.3	20.8
1,000 miles and over.....	14.6	14.7	14.5	54.4	58.9	52.8

Table 8. SHIPPER CLASS 243--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Optical, Surgical, Dental, Ophthalmic, Orthopedic, and Prosthetic Instruments, Appliances, and Supplies

Shipping facilities available	All plants	Plants with--	
		20 to 99 employees	100 employees and over
Total	100.0	100.0	100.0
Rail facilities	13.4	-	42.7
Highway facilities	90.8	87.5	98.1
Rail and highway facilities	13.4	-	42.7
Air facilities	83.1	87.5	73.4
Rail, highway, and air facilities	8.5	-	27.0
Water facilities	6.7	-	21.2
Rail, highway, air, and water facilities	2.5	-	9.1

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, less than 1 percent reported they did not have any of the above transportation facilities available.

TABLE 1. SHIPPER CLASS 244--Percent Distribution of Distance, by Means of Transport: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Distance shipped[1]	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
Total	564	100.0	27.3	66.7	3.2	0.9	0.2	1.7	-
Under 50 miles	26	100.0	-	35.1	59.7	.5	1.3	3.4	-
50 to 99 miles	27	100.0	23.7	70.5	3.6	.3	-	1.9	-
100 to 199 miles	22	100.0	.1	96.7	.5	-	-	2.7	-
200 to 299 miles	126	100.0	1.0	96.9	.9	.4	-	.8	-
300 to 399 miles	37	100.0	2.2	95.3	.4	.7	.2	1.2	-
400 to 499 miles	17	100.0	.7	93.5	-	.7	-	5.1	-
500 to 599 miles	.02	100.0	65.7	33.5	-	.2	-	.6	-
600 to 799 miles	73	100.0	24.6	72.6	-	.9	-	1.9	-
800 to 999 miles	19	100.0	24.4	69.9	.1	3.2	-	2.4	-
1,000 to 1,199 miles	8	100.0	3.4	87.4	-	3.6	-	5.6	-
1,200 to 1,499 miles	31	100.0	59.9	35.3	.1	3.2	-	1.5	-
1,500 to 1,999 miles	23	100.0	7.9	83.3	.3	1.8	.5	6.2	-
2,000 miles and over	53	100.0	66.1	29.9	.2	1.7	.9	1.0	0.2
	(millions of ton-miles)								
TON-MILES									
Total	390	100.0	41.7	54.0	.3	1.5	.5	1.9	.1
Under 50 miles	1	100.0	-	32.3	62.1	.4	2.1	3.1	-
50 to 99 miles	2	100.0	23.2	71.8	2.7	.3	-	2.0	-
100 to 199 miles	4	100.0	.1	96.9	.4	-	-	2.6	-
200 to 299 miles	31	100.0	.9	96.9	.9	.4	-	.9	-
300 to 399 miles	12	100.0	2.2	95.3	.4	.7	.2	1.2	-
400 to 499 miles	7	100.0	.8	93.3	-	.7	-	5.2	-
500 to 599 miles	55	100.0	65.1	34.0	-	.2	-	.7	-
600 to 799 miles	49	100.0	26.4	70.7	-	1.0	-	1.9	-
800 to 999 miles	17	100.0	25.7	68.6	.1	3.3	-	2.3	-
1,000 to 1,199 miles	9	100.0	3.3	87.6	-	3.6	-	5.5	-
1,200 to 1,499 miles	39	100.0	59.8	35.4	.1	3.1	-	1.6	-
1,500 to 1,999 miles	39	100.0	8.0	83.3	.3	1.8	.5	6.1	-
2,000 miles and over	125	100.0	65.5	29.9	.2	1.7	1.5	1.0	.2

[1]Distance of shipments to foreign destinations are calculated only to the U.S. port of exit.

TABLE 2. SHIPPER CLASS 244--Percent Distribution of Weight, by Means of Transport: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Weight of shipment	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TONS OF SHIPMENTS	(thousands of tons)					
Total	559	100.0	27.6	66.6	3.2	2.6
Under 1,000 pounds	110	100.0	1.2	84.2	3.3	11.3
Under 50 pounds	9	100.0	1.3	37.1	1.9	59.7
50 to 99 pounds	10	100.0	1.0	78.6	1.2	19.2
100 to 199 pounds	17	100.0	.7	89.3	1.2	8.8
200 to 499 pounds	39	100.0	2.1	89.2	3.1	5.6
500 to 999 pounds	35	100.0	.5	90.3	5.5	3.7
1,000 to 9,999 pounds	126	100.0	2.9	86.3	9.3	1.5
1,000 to 1,999 pounds	46	100.0	4.3	81.6	12.1	2.0
2,000 to 2,999 pounds	23	100.0	.4	89.9	9.0	.7
3,000 to 3,999 pounds	16	100.0	1.0	88.5	7.2	3.3
4,000 to 4,999 pounds	16	100.0	3.9	95.0	-	1.1
5,000 to 9,999 pounds	25	100.0	3.2	83.9	12.1	.8
10,000 to 29,999 pounds	73	100.0	16.0	83.0	.7	.3
10,000 to 19,999 pounds	32	100.0	3.1	96.1	-	.8
20,000 to 29,999 pounds	41	100.0	26.1	72.7	1.2	-
30,000 to 59,999 pounds	124	100.0	23.6	75.1	1.3	-
30,000 to 39,999 pounds	77	100.0	14.4	84.1	1.5	-
40,000 to 49,999 pounds	42	100.0	32.3	66.7	1.0	-
50,000 to 59,999 pounds	5	100.0	95.8	4.2	-	-
60,000 to 89,999 pounds	105	100.0	83.4	16.0	.6	-
60,000 to 69,999 pounds	17	100.0	76.2	19.9	3.9	-
70,000 to 79,999 pounds	74	100.0	100.0	-	-	-
80,000 to 89,999 pounds	14	100.0	5.7	94.3	-	-
90,000 pounds and over	21	100.0	98.2	1.8	-	-
TON-MILES	(millions of ton-miles)					
Total	383	100.0	42.5	53.4	.3	3.8
Under 1,000 pounds	68	100.0	3.5	80.2	.9	15.4
Under 50 pounds	6	100.0	2.7	33.1	.6	63.6
50 to 99 pounds	7	100.0	2.7	72.1	.3	24.9
100 to 199 pounds	10	100.0	1.9	84.3	1.0	12.8
200 to 499 pounds	24	100.0	6.9	84.9	.4	7.8
500 to 999 pounds	21	100.0	1.0	89.9	1.5	7.6
1,000 to 9,999 pounds	72	100.0	7.9	86.9	.7	4.5
1,000 to 1,999 pounds	26	100.0	13.1	79.5	.7	6.7
2,000 to 2,999 pounds	13	100.0	.2	97.1	1.0	1.7
3,000 to 3,999 pounds	9	100.0	2.1	89.1	.4	8.4
4,000 to 4,999 pounds	8	100.0	13.9	83.6	-	2.5
5,000 to 9,999 pounds	16	100.0	5.8	91.5	.9	1.8
10,000 to 29,999 pounds	52	100.0	35.5	63.9	-	.6
10,000 to 19,999 pounds	21	100.0	5.7	92.8	-	1.5
20,000 to 29,999 pounds	31	100.0	55.1	44.9	-	-
30,000 to 59,999 pounds	73	100.0	39.2	60.5	.3	-
30,000 to 39,999 pounds	46	100.0	26.9	72.7	.4	-
40,000 to 49,999 pounds	20	100.0	47.2	52.7	.1	-
50,000 to 59,999 pounds	7	100.0	99.3	.7	-	-
60,000 to 89,999 pounds	107	100.0	90.5	9.5	-	-
60,000 to 69,999 pounds	27	100.0	93.0	6.9	.1	-
70,000 to 79,999 pounds	70	100.0	100.0	-	-	-
80,000 to 89,999 pounds	10	100.0	12.8	87.2	-	-
90,000 pounds and over	11	100.0	99.2	.8	-	-

Note: Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 3. SHIPPER CLASS 244--Percent Distribution of Distance and Weight, by Means of Transport: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
	(thousands of tons)					
TONS OF SHIPMENTS						
Total[1]	559	100.0	27.6	66.6	3.2	2.6
Under 200 miles	75	100.0	8.6	66.1	22.2	3.1
Under 1,000 pounds	24	100.0	.1	76.7	13.6	9.6
1,000 to 9,999 pounds	33	100.0	.1	65.8	34.1	-
10,000 to 29,999 pounds	3	100.0	-	81.5	18.5	-
30,000 to 59,999 pounds	14	100.0	45.0	49.2	5.8	-
60,000 pounds and over	1	100.0	-	-	100.0	-
200 to 399 miles	163	100.0	1.2	96.7	.8	1.3
Under 1,000 pounds	31	100.0	.1	92.5	.4	7.0
1,000 to 9,999 pounds	39	100.0	1.9	97.1	.9	.1
10,000 to 29,999 pounds	28	100.0	-	100.0	-	-
30,000 to 59,999 pounds	62	100.0	.4	98.3	1.3	-
60,000 to 89,999 pounds	2	100.0	23.4	76.6	-	-
90,000 pounds and over	1	100.0	59.8	40.2	-	-
400 to 599 miles	119	100.0	56.6	41.9	-	1.5
Under 1,000 pounds	13	100.0	1.1	85.1	.1	13.7
1,000 to 9,999 pounds	13	100.0	.3	99.7	-	-
10,000 to 29,999 pounds	13	100.0	16.0	84.0	-	-
30,000 to 59,999 pounds	20	100.0	26.0	74.0	-	-
60,000 to 89,999 pounds	40	100.0	100.0	-	-	-
90,000 pounds and over	20	100.0	100.0	-	-	-
600 to 999 miles	91	100.0	24.7	72.2	-	3.1
Under 1,000 pounds	22	100.0	.5	87.0	.2	12.3
1,000 to 9,999 pounds	19	100.0	3.9	95.4	-	.7
10,000 to 29,999 pounds	13	100.0	21.0	79.0	-	-
30,000 to 59,999 pounds	9	100.0	71.7	28.3	-	-
60,000 pounds and over	28	100.0	44.8	55.2	-	-
1,000 miles and over	111	100.0	49.9	44.9	.2	5.0
Under 1,000 pounds	20	100.0	5.3	76.0	1.0	17.7
1,000 to 9,999 pounds	21	100.0	9.8	81.8	-	8.4
10,000 to 29,999 pounds	16	100.0	41.7	56.8	-	1.5
30,000 to 59,999 pounds	19	100.0	57.2	42.8	-	-
60,000 pounds and over	35	100.0	100.0	-	-	-
	(millions of ton-miles)					
TON-MILES						
Total[1]	383	100.0	42.5	53.4	.3	3.8
Under 200 miles	6	100.0	7.3	81.2	8.8	2.7
Under 1,000 pounds	2	100.0	.1	88.0	4.2	7.7
1,000 to 9,999 pounds	3	100.0	.1	85.0	14.8	.1
10,000 to 29,999 pounds	-	-	-	-	-	-
30,000 to 59,999 pounds	1	100.0	38.4	59.5	2.1	-
60,000 pounds and over	-	-	-	-	-	-
200 to 399 miles	43	100.0	1.3	96.4	.8	1.5
Under 1,000 pounds	9	100.0	.1	92.6	.3	7.0
1,000 to 9,999 pounds	11	100.0	2.2	96.7	1.0	.1
10,000 to 29,999 pounds	7	100.0	-	100.0	-	-
30,000 to 59,999 pounds	16	100.0	.5	98.3	1.2	-
60,000 to 89,999 pounds	-	-	-	-	-	-
90,000 pounds and over	-	-	-	-	-	-

See footnote at end of table.

TABLE 3. SHIPPER CLASS 244--Percent Distribution of Distance and Weight, by Means of Transport: 1967--Continued

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Distance (straight-line miles) and weight of shipment (unexpanded pounds)	Number	Percent distribution by means of transport				
		All means of transport	Rail	Motor carrier	Private truck	All other
TON-MILES--Continued	(millions of ton-miles)					
400 to 599 miles	63	100.0	57.6	41.0	-	1.4
Under 1,000 pounds	6	100.0	1.2	85.1	-	13.7
1,000 to 9,999 pounds	6	100.0	.4	99.6	-	-
10,000 to 29,999 pounds	7	100.0	16.2	83.8	-	-
30,000 to 59,999 pounds	11	100.0	26.0	74.0	-	-
60,000 to 89,999 pounds	22	100.0	100.0	-	-	-
90,000 pounds and over	11	100.0	100.0	-	-	-
600 to 999 miles	66	100.0	26.3	70.2	0.1	3.4
Under 1,000 pounds	17	100.0	.5	86.9	.2	12.4
1,000 to 9,999 pounds	14	100.0	3.9	95.3	-	.8
10,000 to 29,999 pounds	9	100.0	22.1	77.9	-	-
30,000 to 59,999 pounds	7	100.0	78.0	22.0	-	-
60,000 pounds and over	19	100.0	48.0	52.0	-	-
1,000 miles and over	205	100.0	52.9	42.0	.2	4.9
Under 1,000 pounds	34	100.0	6.6	72.1	1.3	20.0
1,000 to 9,999 pounds	39	100.0	12.5	79.6	-	7.9
10,000 to 29,999 pounds	29	100.0	53.0	46.0	-	1.0
30,000 to 59,999 pounds	37	100.0	52.8	47.2	-	-
60,000 pounds and over	66	100.0	100.0	-	-	-

[1]Includes only shipments represented by bills of lading and invoices. Summary records which did not show individual weights of shipments are not included.

TABLE 4. SHIPPER CLASS 244--Percent Distribution of Geographic Division of Origin, by Means of Transport: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Geographic division of origin	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	564	100.0	27.3	66.7	3.2	0.9	0.2	1.7	-
New England	32	100.0	16.1	77.7	-	3.1	-	3.1	-
Middle Atlantic	371	100.0	39.3	57.9	1.4	.5	.1	.8	-
East North Central	80	100.0	3.6	87.7	1.5	.7	.6	5.9	-
West South Central	36	100.0	.3	69.2	30.0	.4	-	.1	-
Balance of United States[1]	45	-	-	-	-	-	-	-	-
	(millions of ton-miles)								
TON-MILES									
U.S U.S. total	390	100.0	41.7	54.0	.3	1.5	.5	1.9	0.1
New England	21	100.0	26.9	60.6	-	6.0	-	6.5	-
Middle Atlantic	256	100.0	60.2	37.6	.3	.8	-	1.0	.1
East North Central	55	100.0	4.5	86.7	.1	.7	2.8	5.2	-
West South Central	23	100.0	.7	97.1	1.5	.6	-	.1	-
Balance of United States[1]	35	-	-	-	-	-	-	-	-

[1]Not distributed.

TABLE 5. SHIPPER CLASS 244--Percent Distribution of Geographic Division of Origin, by Geographic Division of Destination: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Geographic division of origin	Number	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific[1]
Tons shipped.....thousands..	564	564	36	157	141	20	58	27	44	7	74
Ton-miles.....millions..	390	390	13	48	71	14	33	14	34	8	155
TONS OF SHIPMENTS	(thousands)	Percent distribution by division of destination									
U.S. total	564	100.0	6.4	27.9	25.0	3.6	10.2	4.9	7.7	1.1	13.2
Shipments from--											
New England	32	100.0	18.5	28.6	20.7	14.3	9.5	.4	3.7	.5	3.8
Middle Atlantic	371	100.0	6.5	31.5	27.1	1.2	8.8	6.1	5.7	.5	12.6
East North Central	80	100.0	3.1	24.4	25.6	10.3	12.3	2.6	4.2	3.0	14.5
West South Central	36	100.0	2.6	3.3	8.4	4.4	4.3	.1	46.3	4.2	26.4
Balance of U.S.[2]	45	-	-	-	-	-	-	-	-	-	-
	(millions)										
TON-MILES											
U.S. total	390	100.0	3.2	12.3	18.3	3.6	8.5	3.6	8.7	2.0	39.8
Shipments from--											
New England	21	100.0	1.9	8.6	28.0	26.6	9.1	.6	8.6	1.4	15.2
Middle Atlantic	256	100.0	2.4	9.3	20.5	1.5	7.2	5.0	10.4	1.3	42.4
East North Central	55	100.0	3.6	23.1	5.8	5.1	11.6	1.8	5.1	5.2	38.7
West South Central	23	100.0	5.1	5.7	7.9	3.3	6.5	-	6.8	4.7	60.0
Balance of U.S.[2]	35	-	-	-	-	-	-	-	-	-	-

[1]Shipping destinations to Alaska and Hawaii are included.
[2]Not distributed.

TABLE 6. SHIPPER CLASS 244--Percent Distribution of Geographic Divisions of Origin and Destination, by Means of Transport: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Geographic divisions of origin and of destination	Number	Percent distribution by means of transport							
		All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown
	(thousands of tons)								
TONS OF SHIPMENTS									
U.S. total	564	100.0	27.3	66.7	3.2	0.9	0.2	1.7	-
New England, total	32	100.0	16.1	77.7	-	3.1	-	3.1	-
Shipments to--									
Middle Atlantic	9	100.0	5.8	93.3	-	.5	-	.4	-
Middle Atlantic, total	371	100.0	39.3	57.9	1.4	.5	.1	.8	-
Shipments to--									
New England	24	100.0	-	98.4	.3	.6	-	.7	-
Middle Atlantic	117	100.0	6.4	88.4	4.2	.1	.3	.6	-
East North Central	101	100.0	46.8	52.3	-	.4	-	.5	-
South Atlantic	33	100.0	45.8	52.2	-	.5	-	1.5	-
Pacific	47	100.0	74.3	23.6	.3	.8	-	.8	0.2
East North Central, total	80	100.0	3.6	87.7	1.5	.7	.6	5.9	-
Shipments to--									
Middle Atlantic	20	100.0	10.2	84.8	-	1.0	.1	3.9	-
East North Central	21	100.0	.9	84.3	5.8	.9	-	8.1	-
West North Central	8	100.0	1.4	89.0	.1	1.0	-	8.5	-
South Atlantic	10	100.0	1.5	94.8	-	.3	-	3.4	-
Pacific	12	100.0	3.8	87.8	.1	.3	3.6	4.4	-
	(millions of ton-miles)								
TON-MILES									
U.S. total	390	100.0	41.7	54.0	.3	1.5	.5	1.9	.1
New England, total	21	100.0	26.9	60.6	-	6.0	-	6.5	-
Shipments to--									
Middle Atlantic	2	100.0	9.9	89.0	-	.6	-	.5	-
Middle Atlantic, total	256	100.0	60.2	37.6	.3	.8	-	1.0	.1
Shipments to--									
New England	6	100.0	-	98.9	.2	.4	-	.5	-
Middle Atlantic	24	100.0	2.8	94.9	1.8	.1	.1	.3	-
East North Central	53	100.0	48.1	50.9	-	.4	-	.6	-
South Atlantic	18	100.0	58.4	39.7	.1	.4	-	1.4	-
Pacific	109	100.0	73.7	24.0	.3	.9	-	.9	.2
East North Central, total	55	100.0	4.5	86.7	.1	.7	2.8	5.2	-
Shipments to--									
Middle Atlantic	13	100.0	11.3	83.9	-	1.1	.1	3.6	-
East North Central	3	100.0	1.5	89.8	.9	.6	-	7.2	-
West North Central	3	100.0	2.1	85.4	.1	1.7	-	10.7	-
South Atlantic	6	100.0	1.4	94.6	-	.3	-	3.7	-
Pacific	21	100.0	3.8	84.3	.1	.4	7.1	4.3	-

Note: Only those divisions with sizeable distributions are shown.

TABLE 7. SHIPPER CLASS 244--Percent Distribution by Means of Transport and Distance, for Plants: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Means of transport and distance of shipment	TONS OF SHIPMENTS				TON-MILES			
	All plants	Plants with--			All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over		20 to 99 employees	100 to 499 employees	500 employees and over
Tons shipped..... thousands..	564	60	92	412	(X)	(X)	(X)	(X)
Ton-miles .....millions..	(X)	(X)	(X)	(X)	390	40	71	279
MEANS OF TRANSPORT	Percent distribution by means of transport and distance of shipment							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rail.....	27.3	3.3	9.5	34.8	41.7	11.0	11.8	53.8
Motor carrier.....	66.7	72.7	81.3	62.5	54.0	80.8	77.1	44.2
Private truck.....	3.2	19.9	2.0	1.1	.3	1.1	.8	.1
Air.....	.9	.6	2.5	.6	1.5	1.0	4.5	.8
Water.....	.2	1.1	.2	-	.5	2.6	.7	.2
Other.....	1.7	2.3	4.5	1.0	1.9	3.0	5.1	.9
Unknown.....	-	.1	-	-	.1	.5	-	-
DISTANCE OF SHIPMENT								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 miles.....	9.4	39.0	13.0	4.3	.7	2.4	1.0	.4
100 to 199 miles.....	3.9	3.1	8.7	3.0	.9	.7	1.8	.7
200 to 299 miles.....	22.4	8.6	12.7	26.5	8.0	3.2	3.9	9.7
300 to 399 miles.....	6.6	4.0	6.2	7.1	3.2	2.0	2.7	3.5
400 to 499 miles.....	2.9	3.9	5.2	2.3	1.9	2.5	2.9	1.5
500 to 999 miles.....	34.4	15.1	23.5	39.6	31.0	15.9	21.6	35.6
1,000 miles and over.....	20.4	26.3	30.7	17.2	54.3	73.3	66.1	48.6

Table 8. SHIPPER CLASS 244--Percent Distribution of Plants, by Available Shipping Facilities: 1967

Photographic Equipment and Supplies; and Watches, Clocks, and Clockwork-Operated Devices and Parts

Shipping facilities available	All plants	Plants with--		
		20 to 99 employees	100 to 499 employees	500 employees and over
Total	100.0	100.0	100.0	100.0
Rail facilities	16.5	7.1	24.1	44.6
Highway facilities	99.1	100.0	100.0	90.8
Rail and highway facilities	15.9	7.1	24.1	38.5
Air facilities	89.8	100.0	75.8	80.0
Rail, highway, and air facilities	13.7	7.1	22.0	23.1
Water facilities	25.0	28.6	18.3	27.7
Rail, highway, air, and water facilities	4.3	-	10.5	7.7

Note: Each establishment was requested to indicate the types of transportation available by checking one or more of the following boxes.

☐ Rail siding.

☐ Access to an interstate highway system within 5 miles of the plant site.

☐ Water loading and unloading facilities within 5 miles of the plant site.

☐ Airport offering air cargo service located within 25 miles of the plant site.

☐ None of the above applies.

With respect to interpretation, an establishment that checked both rail and highway would be included in three lines: rail, highway, and rail and highway. A plant that checked rail, highway, and air would be included in each of the top five lines, but not in the last two which involve water or a combination in which water is a component. Consequently, the data are not additive. Of the total plants, 11.4 percent reported they did not have any of the above transportation facilities available.

Appendix A
DEFINITIONS OF MAJOR TERMS

Shipment.--In this report, tons and ton-miles of shipments relate to production that actually moves by some means of transportation (other than pipeline, or under own power, or towed away) beyond the local area of the plant. These are usually called "intercity" shipments, even though neither the origin nor destination necessarily is in a city.

Average Length of Haul.--Average length of haul is based on straight-line miles from plant to customer or primary redistribution point. It is a weighted average derived by dividing ton-miles by tons. "Average distance" and "average length of haul" are synonymous.

Distance.--Distance is based on the straight-line miles between origin and destination cities in the United States, calculated by the use of PICADAD (described below). Straight-line distances are essentially identical to "great circle" or "air" distances. The distance factor for exports is based on the miles from the plant to the port of exit, because the ton-miles figures represent transport service within this country only.

Means of Transport.--Each shipping document is classified in terms of the major means of transport used to move the shipment to its destination. If more than one means was used, the transport used to cover the greatest distance was coded. If the shipment was made to a foreign destination, the type of transport used to move the shipment to the port of exit was coded. Means of transport was coded into seven categories as follows:

Rails.--Includes all shipments transported by railroad except railway express. If the word "piggyback" appeared on the shipping document, the shipment was coded as moving by railroad because the major distance was assumed to have been by railroad.

Motor carrier.--Includes all shipments transported by motor carriers that serve the public. If transport was indicated on the shipping documents by the words "truck," "cartage," "drayage," or "trucking," the shipment was coded as moving by motor carrier. No distinction was made between common or contract carriers. "For-hire" or commercial motor carriers are synonymous with "motor carrier" used in this report.

Private truck.--Includes all shipments transported by trucks operated by the shipper or the customer. The combination of private trucks and motor carriers represents virtually the total shipments by highway.

Air.--Includes all shipments by air, such as "air freight," "air express," and the like.

Water.--Includes all shipments transported by ship, boat, barge, and the like between two points in the United States. Shipments destined for foreign ports were coded "water" only if the major distance to the port of exit was negotiated by water. Otherwise, the means used to transport the shipment to the port of exit was coded.

Other.--Includes shipments transported by means other than those classified above, except by pipeline. "Other" would include railway express, parcel post, freight forwarders, messenger service, hand carried parcels, bus delivery, etc.

Unknown.--Those shipping documents that gave no indication of the type of transport used to move the shipments are classed as unknown.

PICADAD.--This is a Census Bureau computer system used to automate the geographic aspects of this survey. One of its functions is to compute the straight-line mileage between the city of origin and the city of destination. A description of the system can be obtained from the Transportation Division, Bureau of the Census, Washington, D.C. 20233.

Production Areas.--Production Areas represent relatively compact geographic concentrations of manufacturing activity. Twenty-five Production Areas were developed for this survey. Each Production Area consists of one or more Standard Metropolitan Statistical Areas.[1]

Ton-miles.--The figure for ton-miles is the product of weight times distance (straight-line miles). For example, a 10-ton shipment that moved between places that were 1,000 miles apart is equivalent to a 50-ton shipment that moved 200 miles. Both represent 10,000 ton-miles although they differ in terms of both weight and distance.

Tons.--The estimates of tons represent generally the shipping weight of commodities rather than net weight. Commodities in this sense represent any physical item, including scrap and waste. "Tons" and "tons originated" are synonymous.

Transportation Commodity Classification.--Transportation Commodity Classification (TCC) is used for all series in the Commodity Transportation Survey. It is a 5-digit code that represents an adaptation of the Standard Industrial Classification (SIC). The classification was prepared by the Bureau of the Budget principally for use in the census of transportation. However, it is now in widespread use. (The Interstate Commerce Commission has adopted a classification based on the TCC structure and railroads and motor carriers have adopted the "Standard Transportation Commodity Code," which is identical to TCC through the first five digits but is extended to seven digits to give more detail.) Only one commodity code was used for each shipment. If the shipping document contained a mixture of commodities, the code for the major commodity was assigned.

[1] For definitions of SMSA's, see *Standard Metropolitan Statistical Areas, 1967,* Executive Office of the President, Bureau of the Budget.

Appendix B
THREE-DIGIT TCC GROUPS

Part 3 of the Commodity Transportation Survey presents data for shipments of commodities based on the Transportation Commodity Classification (TCC). Data are shown for 80 selected classes, as follows:

TCC Commodity Groups

201 Meat, Poultry, and Small Game; Fresh, Chilled or Frozen
202 Dairy Products
203 Canned and Preserved Fruits, Vegetables, and Seafoods
204 Grain Mill Products
206 Sugar, Beet and Cane

207 Confectionery and Related Products
208 Beverages and Flavoring Extracts
209 Miscellaneous Food Preparations and Kindred Products
221 Cotton Broadwoven Fabrics
222 Man-Made Fiber and Silk Broadwoven Fabrics

227 Carpets, Rugs, and Mats, Textile
228 Yarn and Thread (Cotton, Wool, Silk, and Man-Made Fiber)
229 Miscellaneous Basic Textiles
231 Men's, Youths', and Boys' Clothing
233 Women's, Misses', Girls', and Infants' Clothing

239 Miscellaneous Fabricated Textile Products
242 Lumber and Dimension Stock and Miscellaneous Sawmill and Planing Mill Products
243 Millwork and Prefabricated Wood Products, Including Plywood and Veneer
249 Miscellaneous Wood Products
251 Household and Office Furniture

262 Paper (Except Building Paper)
263 Paperboard, Fiberboard, and Pulpboard (Except Insulating Board)
264 Converted Paper and Paperboard Products (Except Containers and Boxes)
265 Containers, Boxes and Related Products, Paperboard, Fiberboard, and Pulpboard
281 Industrial Chemicals

282 Plastic Materials and Plasticizers, Synthetic Resins, Rubbers, and Fibers
283 Drugs (Biological Products, Medicinal Chemicals, Botanical Products, and Pharmaceutical Preparations)
284 Soap and Detergents, Cleaning Preparations, Perfumes, Cosmetics, and Other Toilet Preparations
285 Paints, Varnishes, Lacquers, Enamels, and Allied Products
287 Agricultural Chemicals

289 Miscellaneous Chemical Products
291 Products of Petroleum Refining
295 Paving and Roofing Materials
301 Tires and Inner Tubes
306 Miscellaneous Fabricated Rubber Products

307 Miscellaneous Plastic Products
314 Footwear (Except Rubber)
316 Luggage and Handbags (All Materials), and Other Personal Leather Goods
322 Glass and Glassware, Pressed and Blown
324 Hydraulic Cement

325 Structural Clay Products
326 Pottery and Related Products
327 Concrete, Gypsum, Plaster, and Plaster Products
329 Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products
331 Steel Works and Rolling Mill Products

332 Iron and Steel Castings
333 Nonferrous Metals Primary Smelter Products (Slab, Ingot, Pig, etc., and Residues)
335 Nonferrous Metal Basic Shapes
336 Nonferrous and Nonferrous Base Alloy Castings
339 Miscellaneous Primary Metal Products

341 Metal Cans
342 Cutlery, Hand Tools, and General Hardware
343 Plumbing Fixtures and Heating Apparatus (Except Electric)
344 Structural and Miscellaneous Metal Products
345 Bolts, Nuts, Screws, Rivets, Washers, and Other Industrial Fasteners

346 Metal Stampings
348 Miscellaneous Fabricated Wire Products
349 Miscellaneous Fabricated Metal Products
351 Engines and Turbines
352 Farm Machinery and Equipment

353 Construction, Mining, and Materials Handling Machinery and Equipment
354 Metalworking Machinery and Equipment
355 Special Industry Machinery (Except Metalworking Machinery)
356 General Industrial Machinery and Equipment
357 Office, Computing, and Accounting Machines

358 Service Industry Machines
359 Miscellaneous Machinery and Parts (Except Electrical)
361 Electrical Transmission and Distribution Equipment
362 Electrical Industrial Apparatus
363 Household Appliances

364 Electric Lighting and Wiring Equipment
365 Radio and Television Receiving Sets (Except Communication Types), Phonographs, and Phonograph Records
366 Communication Equipment
367 Electronic Components or Accessories
369 Miscellaneous Electrical Machinery, Equipment, and Supplies

371 Motor Vehicles and Motor Vehicle Equipment
372 Aircraft and Parts
379 Miscellaneous Transportation Equipment
382 Measuring, Controlling, and Indicating Instruments
386 Photographic Equipment and Supplies

Appendix C
PRODUCTION AREAS AND SELECTED STATES

Part 2 of the Commodity Transportation Survey presents data on commodity shipments for geographic areas. The focal point of this presentation is the transportation and geographic distribution of intercity shipments of commodities by manufacturing establishments in 25 major industrial centers (called Production Areas) and 20 selected States.

PRODUCTION AREAS

In order to obtain useful "point-to-point" tabulations, the following Production Areas have been developed for this survey. These areas were selected to represent relatively compact geographic concentrations of manufacturing activity. Each consists of one or more standard metropolitan statistical areas (SMSA)[1] which makes possible comparisons between traffic flow data and economic and demographic statistics available from other sources. The following list shows the Production Area number and its description (the SMSA's included in each area).

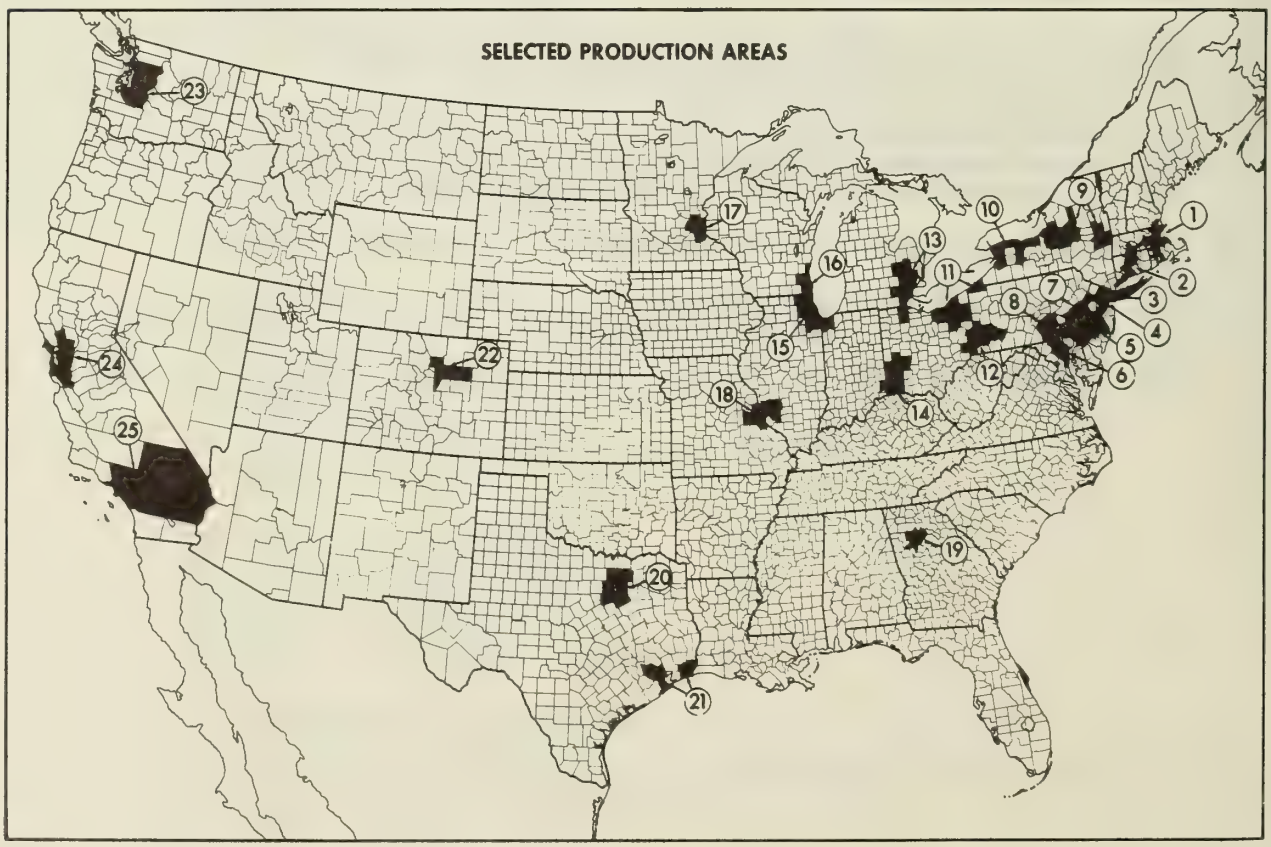
1. Boston, Mass.; Worcester, Mass.; Providence-Pawtucket-Warwick, R.I.-Mass.; Brockton, Mass.; Lawrence-Haverhill, Mass.-N.H.; and Lowell, Mass.
2. Hartford, Conn.; New Britain, Conn.; Meriden, Conn.; Waterbury, Conn.; New Haven, Conn.; Bridgeport, Conn.; Norwalk, Conn.; Stamford, Conn.; Springfield-Chicopee-Holyoke, Mass.-Conn.
3. New York, N.Y.
4. Newark, N.J.; Jersey City, N.J.; Paterson-Clifton-Passaic, N.J.; and Middlesex and Somerset counties, N.J.
5. Philadelphia, Pa.-N.J.; Wilmington, Del.-N.J.-Md.; Trenton, N.J.
6. Baltimore, Md.
7. Allentown-Bethlehem-Easton, Pa.-N.J.; and Reading, Pa.
8. Harrisburg, Pa.; Lancaster, Pa.; and York, Pa.
9. Syracuse, N.Y.; Utica-Rome, N.Y.; and Albany-Schenectady-Troy, N.Y.
10. Buffalo, N.Y.; and Rochester, N.Y.
11. Cleveland, Ohio; Akron, Ohio; Canton, Ohio; Lorain-Elyria, Ohio; Youngstown-Warren, Ohio; and Erie, Pa.
12. Pittsburgh, Pa.; Steubenville-Weirton, Ohio-W. Va.; and Wheeling, W. Va.-Ohio.
13. Detroit, Mich.; Flint, Mich.; Toledo, Ohio-Mich.; and Ann Arbor, Mich.
14. Cincinnati, Ohio-Ky.-Ind.; Dayton, Ohio; Hamilton-Middletown, Ohio; Springfield, Ohio.
15. Chicago, Ill.; and Gary-Hammond-East Chicago, Ind.
16. Milwaukee, Wis.; Kenosha, Wis.; and Racine, Wis.
17. Minneapolis-St. Paul, Minn.
18. St. Louis, Mo.-Ill.
19. Atlanta, Ga.
20. Dallas, Tex.; and Fort Worth, Tex.
21. Houston, Tex.; Beaumont-Port Arthur-Orange, Tex.; and Galveston- Texas City, Tex.
22. Denver, Colo.
23. Seattle-Everett, Wash.; and Tacoma, Wash.
24. San Francisco-Oakland, Calif.; Vallejo-Napa, Calif.; and San Jose, Calif.
25. Los Angeles-Long Beach, Calif.; Anaheim-Santa Ana-Garden Grove, Calif.; and San Bernardino-Riverside-Ontario, Calif.

STATES

The 20 selected States for which commodity data are presented are as follows:

Alabama	Massachusetts	Ohio
California	Michigan	Pennsylvania
Connecticut	Minnesota	Texas
Georgia	Missouri	Virginia
Illinois	New Jersey	Washington
Indiana	New York	Wisconsin
Maryland	North Carolina	

[1] For definitions of SMSA's, see *Standard Metropolitan Statistical Areas, 1967*, Executive Office of the President, Bureau of the Budget.



Appendix D
DATA AVAILABLE FOR SPECIAL TABULATIONS

Printed reports provide the most essential and most widely useful data obtained by the census, but much more information can be made available to the public either in the form of special tabulations or special computer tapes. These special services often involve recoding geographic areas to be more nearly comparable to areas that are significant to a sponsor, and recoding or regrouping commodities or other data elements in the census base tapes. Also they sometimes involve the introduction of additional items that can be programed into the tape. However, they most commonly are undertaken to provide greater detail than presented in the published reports, and primarily involve summarization of data in the census base tape to the extent needed to avoid possible disclosure of activities of individuals.

THE BASE-TAPE SHIPMENT RECORD

In addition to technical information used for processing controls and related matters, the base tape contains the following:

Plant
- SIC—Standard Industrial Classification code
- Location—origin, geographic
  - (a) PICADAD key point code
  - (b) Census division-State code
  - (c) County code
  - (d) SMSA code
  - (e) Production Area code
  - (f) Freight rate territory code
- Plant size (employee size code)
- Shipping facilities at plant code

Shipment
- TCC—Transportation Commodity Code
- Packaging code
- Means-of-transport code
- Distance shipped (straight-line miles)
- Weight of shipment (actual pounds shown on document)
- Month shipped
- Destination
  - (a) PICADAD key point code
  - (b) Census division-State code
  - (c) County code
  - (d) SMSA code
  - (e) Production Area code
  - (f) Freight rate territory code

Expansion Factors

"PUBLIC USE" TAPES

Two "public-use" tapes have been developed from the preceeding Commodity Transportation Survey base tape. One shows "origin-destination" commodity flows from 25 Production Areas to 59 destination areas, and is referred to as CTS-OD Tape No. 1. The other shows State-to-State commodity flows and is referred to as CTS-OD Tape No. 2.

CTS-OD Tape No. 1: Commodity Flows from Specified Production Areas to Destination Areas

1. *Source.* Summarization of shipping reports to the 1967 Census of Transportation—Commodity Transportation Survey.

2. *Major Purpose.* To supply building-block details (without disclosing activities of individual companies) of commodity flows by means of transportation from 25 major industrial origin areas to 59 destination areas.

   The term "building block" detail refers to the fact that the records on the tape tend to represent the lowest common denominator (within confidentiality policy) to be used to "build" to a variety of significant aggregates. Most of the "blocks" will be too small to be significant without combining with others.

3. *Major Industrial Origin Areas.* These areas are the 25 Production Areas used in the 1963 and 1967 Commodity Transportation Surveys. Each of them consists of a large Standard Metropolitan Statistical Area or cluster of contiguous SMSA's that represent essentially a single geographic industrial complex.

4. *Destination Areas.* The 59 destination areas consist of the following: (a) 25 Production Areas that also represent major markets, plus (b) 25 market areas (large SMSA's that lie outside of the Production Areas) plus (c) the balance of all other destinations in each of nine Census Divisions. The 59 destination areas blanket all possible destinations in the United States. Since the main purpose of the survey was to measure intercity commodity flows by means of transport within the United States, each shipment to a foreign destination was coded to the port of exit (which was treated as the destination of the domestic segment in this tape) provided the domestic segment involved more than a local movement. Otherwise, the foreign shipment was not included in the survey.

5. *Units of Measure.* The measurement of flows is expressed in terms of tons originated and straight-line ton-miles. The distance hauled may be considered to be a third unit of measure, and may be derived by dividing the ton-miles by the tons for any given commodity flow.

6. *Commodity Detail.* The *outbound* flow from each Production Area is presented in this tape for each TCC commodity level that is published in the 1967 Production Area Series. The detail consists of a "total all commodities" for each of the 25 origin production areas, broken into as many 2-, 3-, 4-, and 5-digit TCC commodity levels as were shown in the published production area report. The general guidelines for selecting each commodity level were: (a) At least five different companies (irrespective of number of "plants") reported shipments of the specified commodity from the specified origin area; (b) no potential disclosure was found; and (c) the sampling variability for the estimated tons (universe level) of the specified commodity from the specified origin area did not exceed +50 percent.

7. *Subject Content of Tape Record.* Each record on the tape is a fixed length and is a summary of all shipment records in the 1967 Commodity Transportation Survey in each indicated cell. As mentioned previously, these cells should be treated as "building blocks." The subject-content of each record is as follows:

(a) Origin-production area	2
(b) Destination-market area	2
(c) Commodity	5
(d) Type of transport	1
(e) Weight-block of shipment	2
(f) Estimated tons shipped (universe level)	9
(g) Estimated ton-miles (universe level)	9
(h) Number of shipping records upon which estimate was based	6

CTS-OD Tape No. 2: Commodity Flows from State of Origin to State of Destination

1. *General:* This tape is derived from precisely the same basic information as the CTS-OD Tape No. 1. However, in contrast to Tape No. 1 which accounts only for the tons and ton-miles originating in Production Areas, Tape No. 2 accounts for the entire U.S. aggregate tons, ton-miles, and record counts, by originating State. This difference arises from the selection of origin-destination area pairs, and results in different commodity detail.

2. *General Purpose:* The general purpose of CTS-OD Tape No. 2 is similar to that described for CTS-OD Tape No. 1, except that this tape is designed for State-to-State traffic flows which cannot be derived from Tape No. 1.

POLICY REGARDING SPECIAL TABULATIONS AND UNPUBLISHED DATA

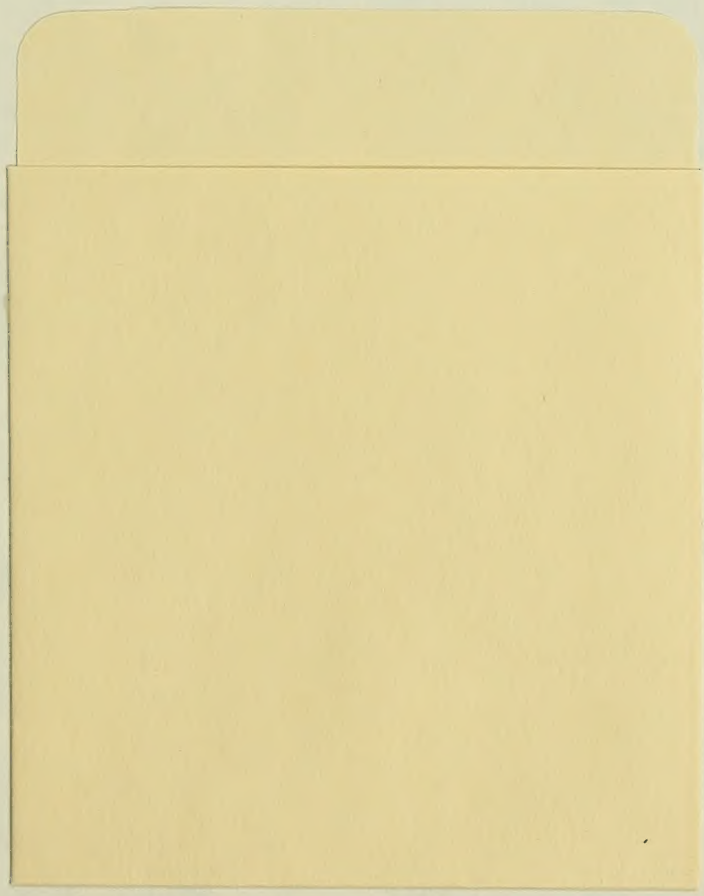
The Bureau publishes only the most essential and most widely useful data in its printed reports, but much more information is available to the public. The Bureau's policy in this area is described in Part II of any recent Bureau of the Census Catalogue.

The release of unpublished transportation data normally falls into the two following classes:

1. Special tabulations of selected data prepared for individual users on a reimbursable cost basis. The information may be furnished on tape, microfilm, punch cards, computer printouts, typewritten copy, or hand-posted tables. This class of unpublished data normally has limited interest beyond the initial users. It often involves recoding to approximate sponsor's own market areas, commodity groupings, or other special reclassifications to improve the usefulness to the sponsor of the general-purpose data in the Bureau's base file. The information (before being released) is thoroughly tested to avoid disclosures and to meet other policy requirements.

2. General-purpose information that provides greater detail than published. This information normally is furnished on a public-use tape.

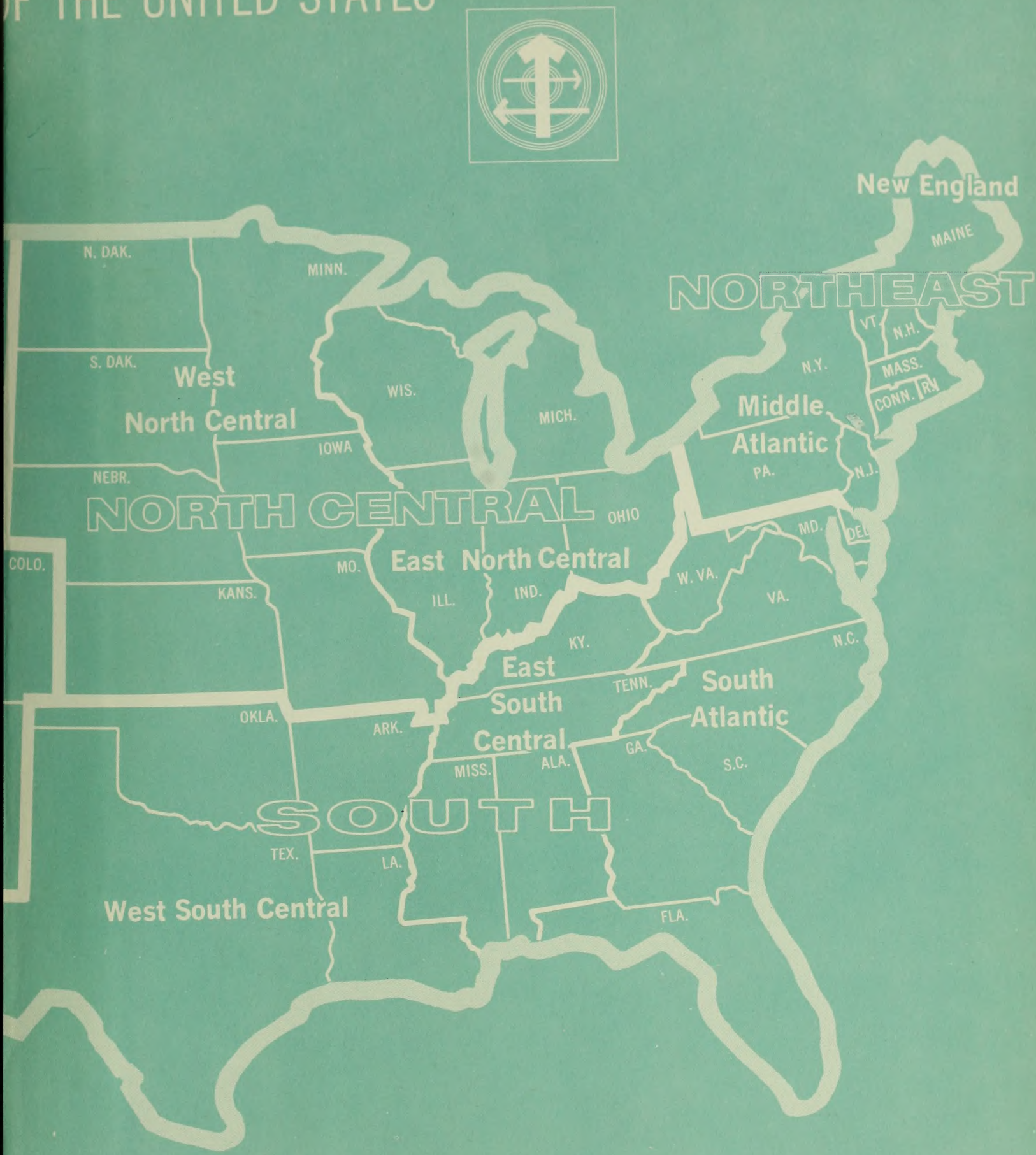
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